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October 27, 2005

Todd Croft
Supervisor
Nevada Division of Environmental Protection
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Dear Mr. Croft:

Subject: Perchlorate Remediation – Third Quarter 2005 Performance Report

Tronox LLC (Tronox), formerly Kerr-McGee Chemical LLC (Kerr-McGee), has agreed to provide regular reports to Nevada Division of Environmental Protection (NDEP) describing the progress related to its perchlorate remediation efforts. Integral to these reports is an evaluation of the environment's response to the remedial efforts. A monitoring plan is in place to support these evaluations, and this report summarizes information obtained from monitoring occurring.

In summary, Kerr-McGee continues to treat water collected from the on-site area, Athens Road area and seep area using a perchlorate reduction process. Treatment consists of fluidized bed reactors (FBRs) which are treating up to about 1,000 gpm. Please see the attached report for additional information.

Please feel free to contact me at (702) 651-2234, if you have any questions related to this information. Thank you.

Sincerely,

A handwritten signature in black ink that reads "Susan M. Crowley".

Susan M. Crowley
Staff Environmental Specialist

Overnight Mail

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Attachment:

Kerr-McGee Chemical LLC

Henderson, Nevada



Quarterly Performance Report
Perchlorate Recovery System
Henderson, Nevada
July – September 2005

ENSR Corporation

October 2005

Document Number 04020-023-110

Quarterly Performance Report
Perchlorate Recovery System
Kerr-McGee Chemical LLC, Henderson, Nevada

July-September 2005

Document No. 04020-023-110

October 2005

Submitted in Accordance with:

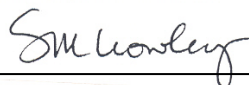
Administrative Order
On Consent
October 8, 2001

Prepared by:

ENSR Internacional, Inc.
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**Quarterly Performance Report
Perchlorate Recovery System
Kerry-McGee Chemical LLC
Henderson, Nevada**

Responsible CEM for this project



Susan M. Crowley, CEM 1428
Staff Environmental Specialist
Kerr-McGee Chemical LLC

Date: 10/26/05

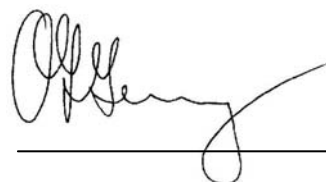
I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and, to the best of my knowledge, comply with all applicable federal, state and local statutes, regulations and ordinances.

Individuals who provided input to this document



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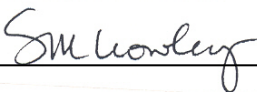
David L. Gerry, CEM 1524
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Date: 10/26/05

**Quarterly Performance Report
Perchlorate Recovery System
Kerry-McGee Chemical LLC
Henderson, Nevada**

Laboratory Certificate

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.



Susan M. Crowley, CEM 1428
Staff Environmental Specialist

Date: 10/26/05

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1.0 INTRODUCTION

In accordance with the Administrative Order on Consent (AOC) for cleanup of perchlorate impacted groundwater in the Henderson area, finalized October 8, 2001, Kerr-McGee Chemical LLC (KMCLLC) submits this quarterly performance report to the Nevada Division of Environmental Protection (NDEP).

KMCLLC is currently undergoing a change of ownership and TRONOX, the name of the new operating company, will be used in future correspondence and reporting. This report, covering the period July through September 2005, summarizes performance data for the perchlorate recovery system – consisting of the on-site well field, the off-site Athens Road well field, the off-site Seep well field and the off-site Seep area surface flow capture sump – and evaluates the effectiveness of the groundwater recovery system installed to carry out the perchlorate recovery program. In addition, information is provided on the status of the treatment technologies used for perchlorate removal from the water collected. Appendix A contains historic water levels for selected on-site wells, Appendix B contains historic water levels for selected off-site wells, Appendix C contains the MWH laboratory reports with the data used to construct this report, and Appendix D contains a CD of this report.

The locations of the components of this system are shown on Figure 1. The performance of each component will be discussed separately starting with the on-site well field and proceeding northward. In the last three months since June 2005, a total of about 177,533 pounds of perchlorate have been removed from the environment with the overall system. For the third quarter of 2005, the total pounds of perchlorate captured amounted to about 1930 pounds per day. Of this total, about 92,762 pounds came from the on-site well field, about 73,275 pounds came from the Athens Road well field, about 11,496 pounds came from the Seep area well field and 7 pounds came from the Seep surface flow capture sump. Figure 4 shows the 2005 monthly perchlorate recovery totals and the relative significance of each of the four components, whereas Table 3 shows the average pounds of perchlorate per day removed by each component. Note on Figure 4 that the last three months recovery has been the best since January 2005.

2.0 ON-SITE WELL FIELD

Figure 2 shows the locations of the onsite groundwater interceptor wells, monitor wells, the groundwater barrier (bentonite slurry) wall and the groundwater recharge trenches. Appendix A of this report lists monthly groundwater elevations recorded since April 1998 in these wells. Groundwater elevation data mapped on Figure 2 were recorded in August 2005.

Figure 2 shows the August 2005 potentiometric surface in the on-site interception area. As shown, the map for the third quarter reporting period reflects areas of drawdown associated with the interceptor wells along with a marked elevation difference of the water table on either side of the groundwater barrier (slurry) wall. There is no appreciable change between the water levels in May 2005 and August 2005. The groundwater “mound” on the downgradient side of the barrier wall in the vicinity of wells M-80, M-81A, M-70 M-71 and M-72 represents the area of fresh water entry from the recharge trenches shown on Figure 2. The water placed in the trenches is stabilized water from Lake Mead.

Table 1 lists perchlorate concentrations from February 2005, May 2005 and August 2005 for wells in the vicinity of the on-site well field. The *Perchlorate in Groundwater* map, Figure 3, shows the contoured data from August 2005. This mapping shows that the slurry wall has cut off the downgradient movement of groundwater containing high perchlorate concentrations. In the vicinity of the downgradient recharge trenches concentrations down to 9 mg/l range have been mapped and between the trenches and the barrier wall. The stagnant zone of relatively high perchlorate concentrations in wells M-70, M-71 and M-72 is slightly higher than in May 2005. The recent mapping shows a narrow zone of increased perchlorate concentration from M-89 on the south, northward to I-N.

Figure 5 shows in graph form, an east-west cross-section across the on-site well field, onto which is plotted the perchlorate concentrations for the interceptor wells listed on Table 1. The most recent data from August 2005 show the spike in well I-N. Except for well I-N, the perchlorate concentrations in most of the other interceptor wells have varied little from the February and May 2005 concentrations. The monthly average perchlorate concentration collected at the well field has been generally decreasing, with short-lived minor reversals, from a high of about 1,900 mg/l in 2002 to about 1,400 mg/l today (Figure 5A). This figure also shows the monthly average perchlorate removed from the environment which was estimated to be 31,546 pounds in September.

Monitor well M-100, 700 feet north of the recharge trenches, demonstrate the effectiveness of the recharge trenches. As shown in Figure 5B, the perchlorate concentration in this well was 1,000 mg/l in February 2002 and is currently below 200 mg/l.

3.0 ATHENS ROAD WELL FIELD AND PIEZOMETER WELLS

The Athens Road well field was completed in March 2002 and groundwater collection in this area began shortly afterward. Continuous pumping from this well field began in mid-October 2002. Figure 1 and Plates 1, 2, 3 and 4 show the location of the Athens Road Well Field. Recent mapping of the August 2005 groundwater levels is shown on Plate 1, the *Potentiometric Surface between the Athens Road Well Field and the Seep*. The potentiometric surface slopes generally north-northeastward. The situation is complicated by the normal infiltration of the City of Henderson Water Reclamation Facility (COH WRF) Rapid Infiltration Basins (RIB) water (about one million gpd from the center of sections 31 and 36) and the large intermittent infiltration in the southeasternmost RIBs (tens of millions gpd) between them which form large mounds in the potentiometric surface north of the well field. The recovery wells that comprise the well field are twinned with nearby duplicate "Buddy Wells" (ART-A series) installed as back-up wells in case of a pumping-well shut down. Table 4 shows, that as of September 29, 2005, the pumping ART wells are ART-1, ART-2, ART-3A, ART-4, ART-6, ART-7A and ART-8A. Appendix B contains historic water levels for selected off-site wells.

Plate 3, the *Potentiometric Surface at the Athens Road Well Field* contains water level contours at one-foot intervals in the immediate vicinity of the well field. Distinct cones of depression have developed beneath the well field but are not as large as in May 2005. The cones of depression are subtle at Athens Road – even at the one-foot contour interval – and are better represented by mapping the net drawdown. Plate 4, the *Net Drawdown at the Athens Road Well Field* shows that water levels in portions of the well field are currently up to 7.8 feet lower (at ART-3) than in April 2002. Plate 4 shows that the two-foot drawdown contour continues to be about 2100 feet wide. Since November 2004 water levels have increased one to two feet.

The *Perchlorate in Groundwater Map between the Athens Road Well Field and the Seep*, Plate 2, shows that perchlorate concentrations north of Athens Road continue to exhibit low concentrations as groundwater travels toward the Seep well field. A list of perchlorate concentrations in selected off-site wells is attached as Table 2.

Table 4 shows the total flow and individual flow rates from the pumping wells. On September 29th, the well field was pumping at about 253 gpm; up from 232 gpm in June. As shown on Plate 2, perchlorate concentrations present in the western part of the well field continue to contain greater than 400 mg/l (in well PC-130).

The perchlorate concentrations since October 31, 2001 of the ART-series wells are shown in Figure 6. This graph shows that since January 2003 the perchlorate concentrations have basically stabilized with only minor variations. Figure 7, an east-west cross-section graph through the well

field, shows that perchlorate concentrations are little changed since February 2005. PC-17, at 470 mg/l, continues to contain the highest perchlorate concentration. Note that the perchlorate concentrations on the western (PC-55 and ART-1) and the eastern sides of the well field (PC-122) remain very low. The monthly average perchlorate concentration, as shown on Figure 7A, has averaged about 400 mg/l since about mid-2003. Also shown on this graph is the monthly average perchlorate mass removed which was 24,619 pounds in September.

Plate 5, the *Hydrogeologic Cross Section – Athens Road Traverse*, shows hydrologic conditions at the time of groundwater sampling in August 2005 versus May 1998. Compared to 1998, the current zone of high perchlorate concentrations is narrower. Groundwater levels are currently as much as 7.8 ft deeper than they were in 1998 but about 1 foot higher than last quarter.

Five monitor wells in the well field are equipped with sensors to record continuous water level readings. Figure 8 shows the drawdown associated with pumping the ART wells and selected monitor wells. Between October 18, 2002 and September 29, 2005 drawdown has been 6.1 feet, 5.8 feet and 3.0 feet in monitor wells PC-18, PC-17 and ART-5, respectively. It appears that the water level peaked in all five wells around August 24th and is now decreasing.

Seven ARP-series wells make up the Athens Road piezometer well line, located about 250 feet north of the Athens Road well field (ARP-1 through ARP-7). The perchlorate concentrations of these wells, completed in December 2001, are shown in Figure 9. The western two wells, ARP-1 and 2, and the eastern well, ARP-7, continue to contain very low perchlorate concentrations. ARP-5, which had been generally rising since about February 2002, has now been below 300 mg/l since February 2005. Since December 2002, the perchlorate concentration in MW-K4 has also declined significantly, but remains relatively high. Figure 10, an east-west section graph across the piezometer line, shows that from February 2005 to August 2005 the perchlorate concentrations in the piezometer wells have changed by only minor amounts. Figure 10A shows the steep decline in perchlorate concentration in well ARP-3 over the last three years as a result of the efficient recovery at the well field. It will take longer for less impacted groundwater to reach the piezometer line wells (ARP-1 through ARP-7) because pumping at the Athens Road well field and discharge by COH WRF has flattened the hydraulic gradient in the area of the piezometers. The possibility also exists that uncaptured perchlorate from the Athens Road well field has impacted wells ARP-5 and MW-K4. To test this hypothesis KMCLLC will soon drill up to two soil borings in the vicinity of ART-4 and ART-6 in order to verify whether an unmapped channel is serving as a conduit allowing perchlorate to bypass the existing recovery wells.

Intermediate between the Athens Road area and the Seep area are the COH WRF and the Lower Ponds monitor-well lines. Figure 11 shows the perchlorate concentrations in the COH WRF wells from January 2001 to August 2005. As shown, wells MW-K5 and PC98R, which have previously been erratic, have been stable since April 2004. As of August 2005 MW-K5 and PC-98R contain 25 and 20 mg/L perchlorate, respectively. Concentrations are slowly continuing to decline, subject

to minor fluctuations. The concentration graph of MW-K5, Figure 10A, clearly shows this stability and slow downward trend.

Figure 12, the east-west section graph, shows that for the last three quarterly reporting periods the perchlorate concentrations in this well line (PC-103, PC-98R, MW-K5, and PC-53) have changed only slightly. Figure 13, the graph of depth to water in PC98R, shows that since February 2003 the groundwater level has continued to generally decline, but significant groundwater “mounding events” due to increased COH WRF surface water infiltration continue sporadically. A significant short-term mounding event, spiking around mid-July, increased the groundwater level almost 7.5 feet, bringing the water level to 11 feet bgs.

Figure 14, the *Lower Ponds Traverse: Perchlorate Concentrations* graph shows that perchlorate concentrations have not shown much variation in wells PC56, PC58, PC59, PC60, PC62 and PC68 since about February 2004. Plate 2, *The Perchlorate in Groundwater Map between the Athens Road Well Field and the Seep*, shows that the width of greater than 10 mg/l perchlorate concentration contour has decreased significantly since February 2005. On Plate 2, PC-56 contained 3 mg/l perchlorate in August down from 27 mg/l in February. Figure 15, the *Lower Ponds Section Graph* shows that since May 2005 the perchlorate concentrations in the wells occur within a narrow range of concentrations with PC-56 being slightly higher in February than in either May or August.

4.0 SEEP AREA WELL FIELD AND SEEP SURFACE FLOW CAPTURE

In February 2003 five additional wells (PC117 to PC121) and in December 2004 one additional well (PC133) were completed in the Seep well field (Plates 1 and 2). The Seep well field currently consists of 10 wells, two of which (PC-99R2 and PC-99R3) are positioned over the deepest part of the alluvium channel that contains the highest concentrations of perchlorate. These two wells, PC-99R2 and PC-99R3, are connected and operate as one well. The well field is located about 600 feet upgradient of the seep area surface flow capture sump. Plate 2 and Figure 16 show the regional and detailed depiction of the perchlorate content of the wells, respectively. Recent mapping of the perchlorate concentration (Plate 2), and the cone of depression mapped on Plate 1, suggests that pumping of the Seep well field may be drawing in water from the Wash to the north. Additional evidence is the greatly reduced perchlorate and conductivity concentrations in PC-95 and PC-97, north of the well field. For example, the perchlorate concentration in PC-95 has declined from 67 to 0.82 mg/l since January, 2003 and the concentrations in PC-97 have declined from 120 to 2 mg/l over the same period (see Figure 16A). These concentrations historical low concentrations for these wells. This situation will continue to be monitored and may result in a further decrease of the pumping rate.

The perchlorate concentrations in the Seep wells continue to occur within a narrow range of concentrations. The August 2005 data plotted on Figures 16 and 17 show that the concentrations in the pumping wells have dropped to 25 mg/l or less. The most recent data from September 6, 2005 show that all of the recovery wells currently contain 18 mg/l or less perchlorate. Figure 17, the east-west section graph of the Seep well field, shows that the concentrations for the last three quarterly reporting periods have been similar. Data from May 2002 for the three wells that were present at that time are shown for comparison. The monthly average perchlorate concentration, as shown on Figure 17A, has averaged about 19 mg/l since about April 2004 and continues to decrease. Also shown on this graph is the monthly average perchlorate mass removed which was 2,529 pounds in September.

Recent SNWA sampling in August 2005 of three vegetation monitoring wells completed in Las Vegas Wash alluvium shows that these wells contain less than 4 mg/l perchlorate and that the perchlorate concentrations are already less than 4 mg/l (0.04 and 5 mg/l in wells WMW6.0N and WMW6.0S, respectively) within 200 feet of the Pabco Erosion Control Structure. Upgradient well WMW6.15S which contained 14 mg/l in May 2005 reportedly contained <0.004 mg/l in August. This is an anomalous reading and is, therefore, not included on Plate 2.

As shown on Figure 18, the seep stream ended its seasonal flow in late May 2005. A small pool of water, held back by the seep stream jetpile, presently contains 7 mg/l perchlorate. Over the third quarter an average of about 1 gpd has been recovered from this pool.

5.0 CONCLUSIONS

Perchlorate continues to be effectively captured by the four components of the remediation program. The on-site well field collection has been in operation many years and has well developed cones of depression. The on-site well/field collection system coupled with the barrier wall provides efficient capture in this area. Since October 2002 the Athens Road area well field has been in continuous operation and is maturing into an efficient interception line. Based on Modflow particle tracking, the Athens Road well field continues to capture the majority (as much as 97.5 percent) of available perchlorate. The Seep well field capture and the seep area surface flow make up the remaining portions of the perchlorate recovery system. The Seep well field is advantageously located over the main part of the alluvium channel and is in close proximity to Las Vegas Wash. Capture in this area makes the most immediate impact on Wash perchlorate concentrations. The amount of perchlorate removed by any of the four components depends on perchlorate movement in the groundwater which is influenced by many factors, some of which are beyond KMCLLC control.

The biological treatment plant (bioplant) continues to operate near its 1,000 gallon per minute hydraulic capacity. Chemical loading of the bioplant was up to 109 percent of design during the month of July. At the higher loading rates, the plant is more difficult to control. The quantity of water being fed from the GW-11 pond has been reduced to bring the plant back to near design loading. While overall average effluent perchlorate concentrations have been below 4 ppb (assigning non-detect samples a value of one half the detection limit), small concentration fluctuations in the groundwater fed to the plant have resulted in weekly composite effluent perchlorate concentrations as high as 11 ppb. There were no exceedences of NPDES discharge criteria during the quarter.

Effluent quality at the end of the discharge pipeline remains slightly cloudy. Design of a Parkson sand filtration unit to improve effluent clarity is nearing completion. Concurrent design efforts to add a fifth primary bioreactor to treat perchlorate from the AP-5 pond are also nearing completion.

6.0 PROPOSED FUTURE ACTIVITIES

KMCLLC will continue to record water levels in the AOC area on a quarterly basis. Quarterly potentiometric surface maps will be developed as well as perchlorate in groundwater maps. The effect of changing the pumping rates of the recovery wells will be monitored, and responses (i.e., pump rate adjustments) will be made to approach or achieve optimal drawdown and plume interception at the well fields. Pumping wells will be rehabilitated as necessary. KMCLLC will drill up to two soil borings in the vicinity of ART-4 and ART-6 in order to verify whether an unmapped channel is serving as a conduit allowing perchlorate to bypass the existing recovery wells.

The monitoring plan in current use will be modified, as necessary, to facilitate collection of pertinent data to track the progress of perchlorate capture at the well fields and the seep. The perchlorate concentration in seep area groundwater is continuing to decrease. This may be evidence that we are seeing the front of the “clean line” at the Seep well field. We anticipate that the impact of continued pumping at the Athens Road well field will continue to be observed in the seep area concentrations, modified by discharge activities at COH WRF.

TABLES

TABLE 1

**PERCHLORATE (mg/l) IN SELECTED
ON-SITE WELLS NEAR THE INTERCEPTOR WELL FIELD
KMCLLC FACILITY, HENDERSON, NEVADA**

WELL	FEB, 2005	MAY, 2005	AUG, 2005
I-A-R	3800	2400	3200
I-B	1200	1700	2300
I-C	1300	1200	1400
I-D	970	860	1100
I-E	870	1200	1300
I-F	1300	1200	1500
I-G	NS	NS	NS
I-H	1500	1700	1700
I-I	1200	1100	1200
I-J	280	240	250
I-K	96	82	84
I-L	1700	1700	2000
I-M	680	840	1100
I-N	960	1600	3200
I-O	2000	2000	2000
I-P	2000	2100	2000
I-Q	2000	1800	1800
I-R	3200	2800	3000
I-S	1300	1700	NS
I-T	2400	2300	2100
I-U	1800	1800	2000
I-V	2000	1200	1900
I-Z	820	780	280
M-19	5	2	2
M-22A	2200	2000	2000
M-25	550	2000	680
M-36	2100	2000	1800
M-37	3400	2300	2600
M-38	1000	1100	2000
M-39	610	580	490
M-68	67	59	58
M-69	400	420	630
M-70	800	690	830
M-71	1900	1700	1800
M-72	750	1300	1500
M-73	75	56	73
M-74	76	68	67
M-79	12	2	18
M-83	110	120	65
M-84	35	43	15
M-85	10	22	34
M-86	15	15	9
M-87	200	230	100
M-88	43	43	46
M-89	1100	970	1700
NS = Not Sampled NA = Not Available			

TABLE 2

**PERCHLORATE (mg/l) IN
SELECTED OFF-SITE MONITOR WELLS
HENDERSON, NEVADA**

WELL	FEB, 2005	MAY, 2005	AUG, 2005
ARP-1	0.42	0.19	0.12
ARP-2	2	6	5
ARP-3	77	86	120
ARP-4	55	52	200
ARP-5	300	250	47
ARP-6A	39	28	270
ARP-7	3	4	35
ART-1	0.084	0.1	6
ART-2	150	140	200
ART-3	450	460	430
ART-4	320	340	380
ART-5	140	120	120
ART-6	310	310	300
ART-7	87	96	120
ART-8	390	400	420
L635	0.01	0.016	0.012
L637	0.011	0.018	0.021
MW-K4	220	220	200
MW-K5	26	24	25
PC12	79	75	66
PC17	400	510	470
PC18	400	390	340
PC55	2	2	2
PC53	4	3	2
PC56	27	4	3
PC58	12	11	9
PC59	16	13	14
PC60	17	14	21
PC62	5.1	5	6
PC68	0.49	0.61	2
PC86	13	7	10
PC89	27	30	25
PC91	19	17	15
PC95	4	4	0.82
PC97	8	9	2
PC98R	18	20	20
PC99R2/R3	16	23	20
PC101R	370	140	390
PC103	2	2	2
PC115R	22	27	24
PC116R	14	16	17
PC117	17	14	15
PC118	22	24	25
PC119	21	21	23
PC120	14	9	14
PC121	8	4	5
PC122	8	7	8
NS = Not Sampled			

TABLE 3

**PERCHLORATE REMOVED FROM THE
ENVIRONMENT
HENDERSON, NEVADA**

DATE	SEEP WELLS AND SEEP (lbs/day)	ATHENS RD WELL FIELD (lbs/day)	INTERCEPTOR WELL FIELD (lbs/day)	TOTAL (lbs/day)	TOTAL TONS REMOVED (per month)
OCT 2002*	495	331	1402	2228	34.5
NOV 2002	422	1001	1146	2569	38.5
DEC 2002	208	1164	1292	2664	41.3
JAN 2003	335	1074	1467	2876	44.6
FEB 2003	570	783	1060	2413	33.8
MAR 2003**	485	806	1067	2358	36.5
APR 2003	713	713	1033	2460	36.9
MAY 2003	703	729	1148	2581	40.0
JUN 2003	686	907	1098	2691	40.4
JUL 2003	594	755	1034	2383	36.9
AUG 2003	452	741	999	2192	34.0
SEP 2003	417	770	937	2124	31.9
OCT 2003	370	769	1003	2142	33.2
NOV 2003	337	713	949	1999	30.0
DEC 2003	321	751	932	2005	31.1
JAN 2004	305	689	953	1947	30.2
FEB 2004	311	630	895	1836	26.6
MAR 2004	221	743	931	1895	29.4
APR 2004	151	733	849	1733	26.0
MAY 2004	126	765	904	1795	26.9
JUN 2004	157	754	994	1905	28.6
JUL 2004	195	757	968	1920	29.8
AUG 2004	201	805	914	1920	29.8
SEP 2004	169	835	981	1985	29.8
OCT 2004	262	799	1020	2081	31.2
NOV 2004	168	814	1032	2014	30.2
DEC 2004	122	816	1002	1940	30.1
JAN 2005	122	811	1008	1941	30.1
FEB 2005	157	859	991	2007	28.1
MAR 2005	158	781	884	1823	28.3
APR 2005	145	787	921	1853	27.8
MAY 2005	153	759	893	1805	28.0
JUN 2005***	150	794	901	1845	28.6
JUL 2005	154	770	973	1897	29.4
AUG 2005	135	800	1002	1937	30.0
SEP 2005	84	821	1052	1957	30.3
OCT 2005					
NOV 2005					
DEC 2005					

* Athens Rd recovery wells begin full time operation on 10/22/02

** Five new Seep Area recovery wells begin operation on 3/24/03

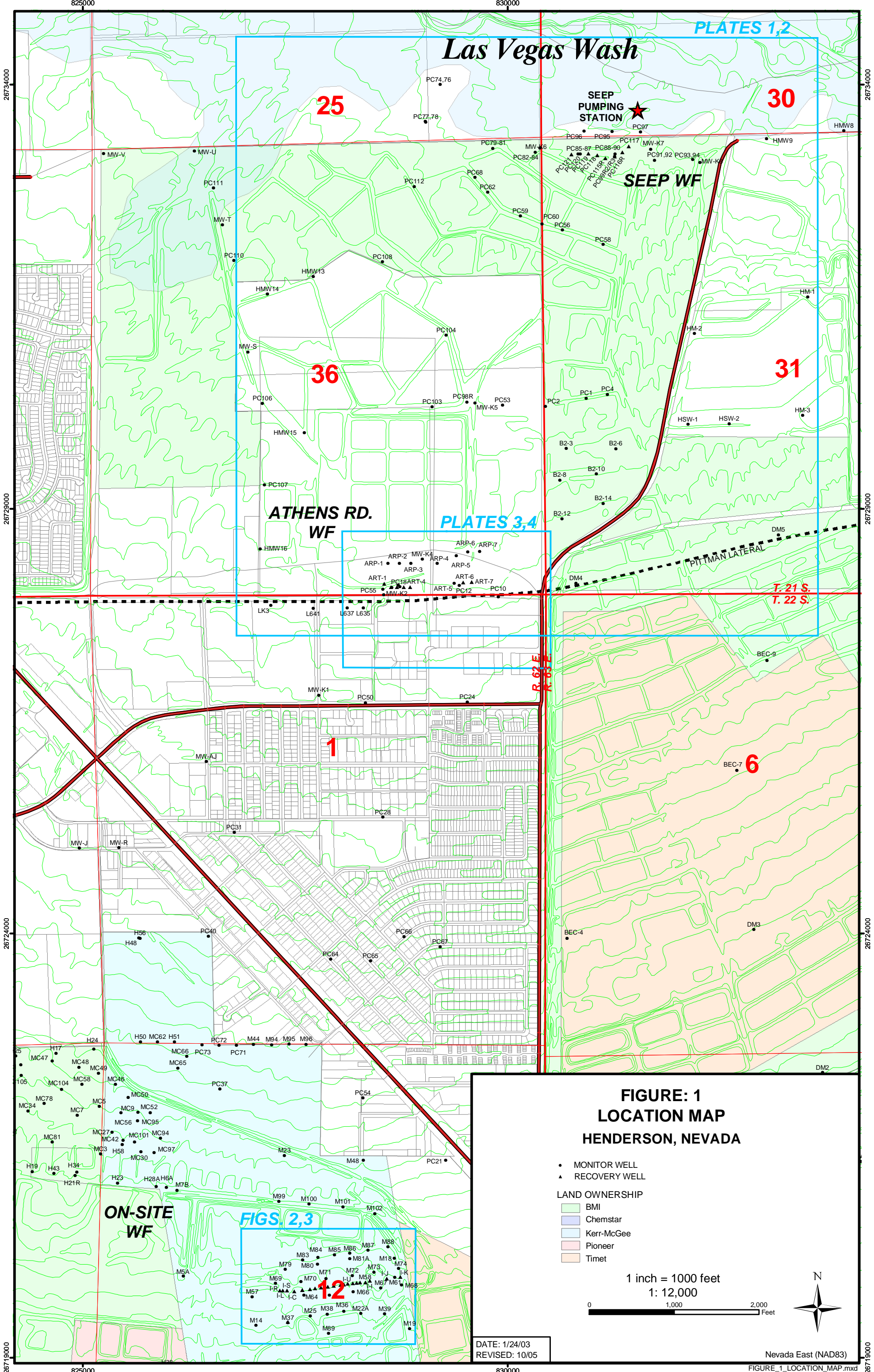
*** One new Seep Area recovery well began operation on 6/21/05

TABLE 4

**PUMPING RATES FROM THE
ATHENS ROAD WELL FIELD
9/29/2005
HENDERSON, NEVADA**

WELL	FLOW (GPM)
ART-1	16
ART-1A	NP
ART-2	74
ART-2A	NP
ART-3	NP
ART-3A	32
ART-4	16
ART-4A	NP
ART-6	13
ART-6A	NP
ART-7	NP
ART-7A	31
ART-8	NP
ART-8A	71
TOTAL FLOW	253
NP = Not pumping on 9/29/05	

FIGURES



Las Vegas Wash

PLATES 1,2

25

30

SEEP PUMPING STATION

SEEP WF

36

31

ATHENS RD. WF

PLATES 3,4

T. 21 S.
T. 22 S.

1

6

ON-SITE WF

FIGS 2,3

12

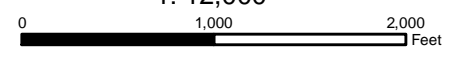
**FIGURE: 1
LOCATION MAP
HENDERSON, NEVADA**

- MONITOR WELL
- ▲ RECOVERY WELL

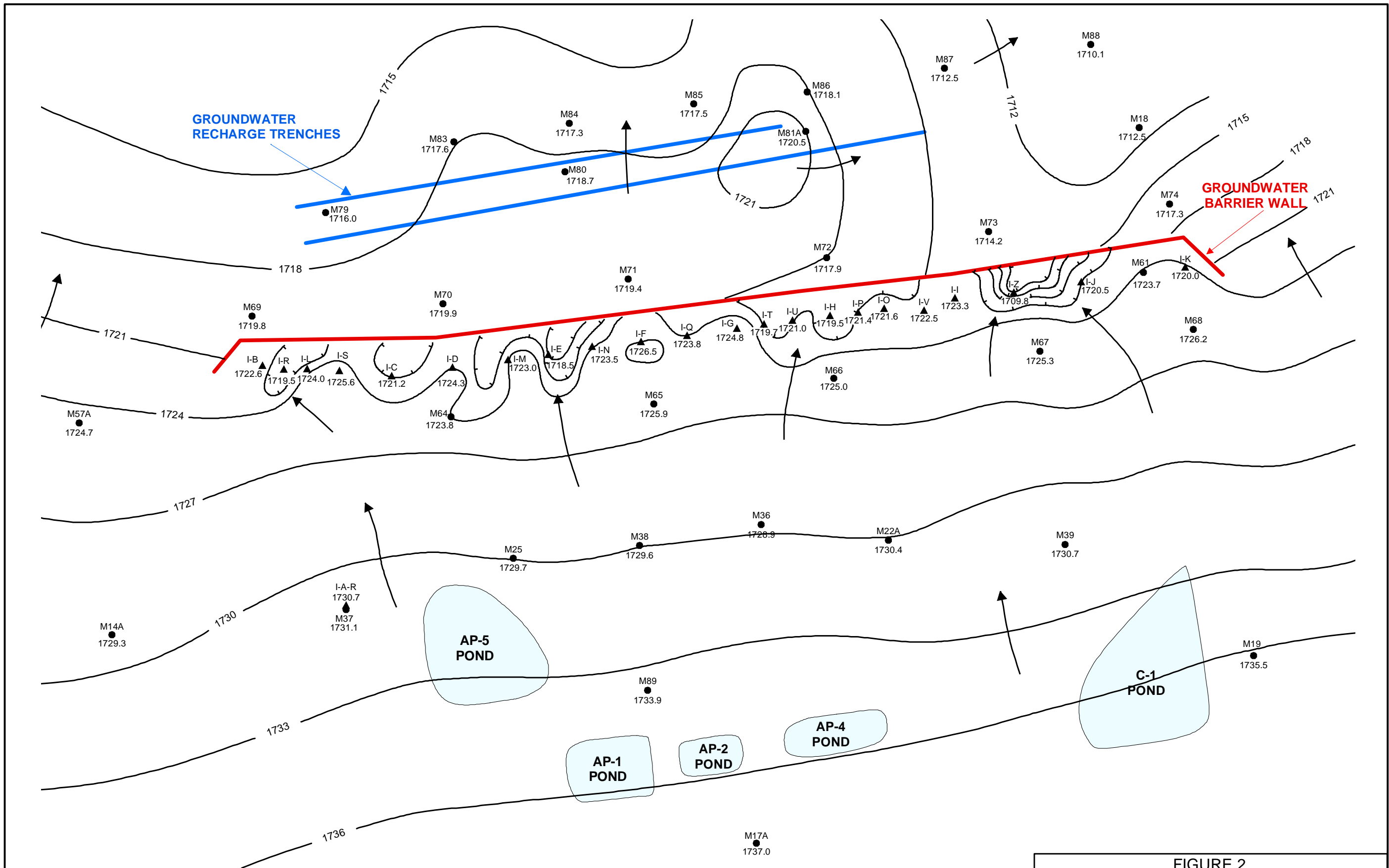
LAND OWNERSHIP

- BMI
- Chemstar
- Kerr-McGee
- Pioneer
- Timet

1 inch = 1000 feet
1: 12,000



DATE: 1/24/03
REVISED: 10/05



LEGEND

- Water Level Well Location
- ▲ Interceptor Well Location
- Potentiometric Surface Contour
- Line (Ft. MSL) Contour Interval = 3 Ft.
- Water Level Data Recorded August 2005
- ↔ Direction of Groundwater Flow

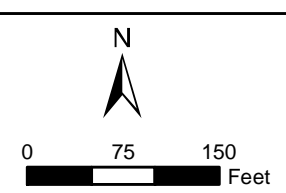
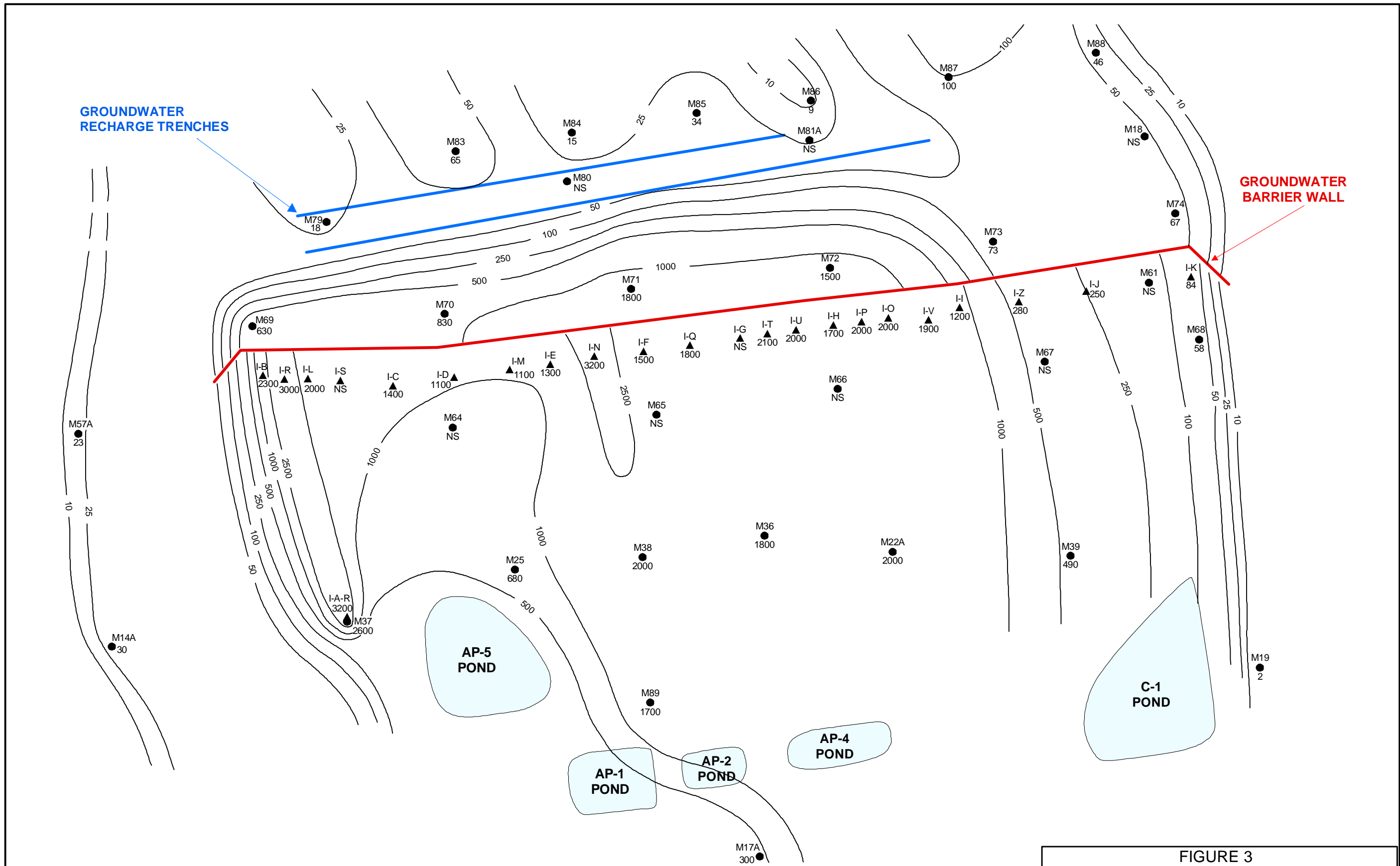


FIGURE 2
 Kerr-McGee Chemical LLC
 Henderson, Nevada
 CONSENT ORDER MONITORING AREA
 POTENTIOMETRIC SURFACE MAP
 AUGUST 2005
 DATE: 10/05



LEGEND

- Water Level Well Location (Ref. 1700 Ft. MSL)
- ▲ Interceptor Well Location
- Isoconcentration Contour Line (mg/L)

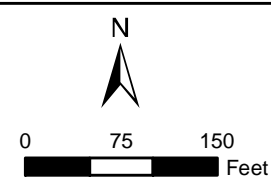


FIGURE 3
 Kerr-McGee Chemical LLC
 Henderson, Nevada
 INTERCEPTOR WELL FIELD
 PERCHLORATE IN GROUNDWATER
 AUGUST 2005

DATE: 10/05 DRAWN BY:

**FIGURE 4: PERCHLORATE REMOVED FROM THE ENVIRONMENT
JANUARY TO SEPTEMBER 2005**

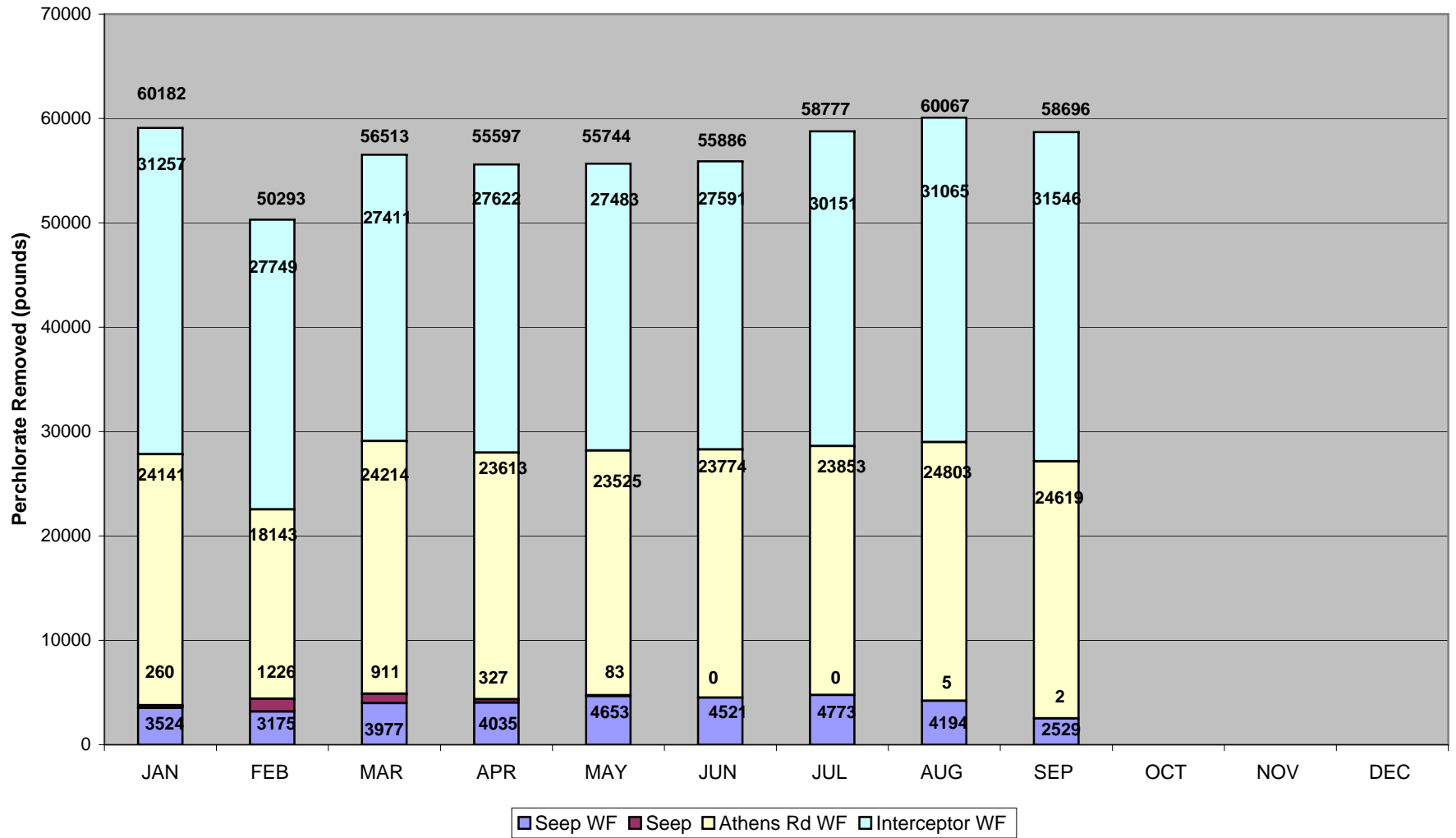


FIGURE 5: INTERCEPTOR WELL FIELD SECTION GRAPH

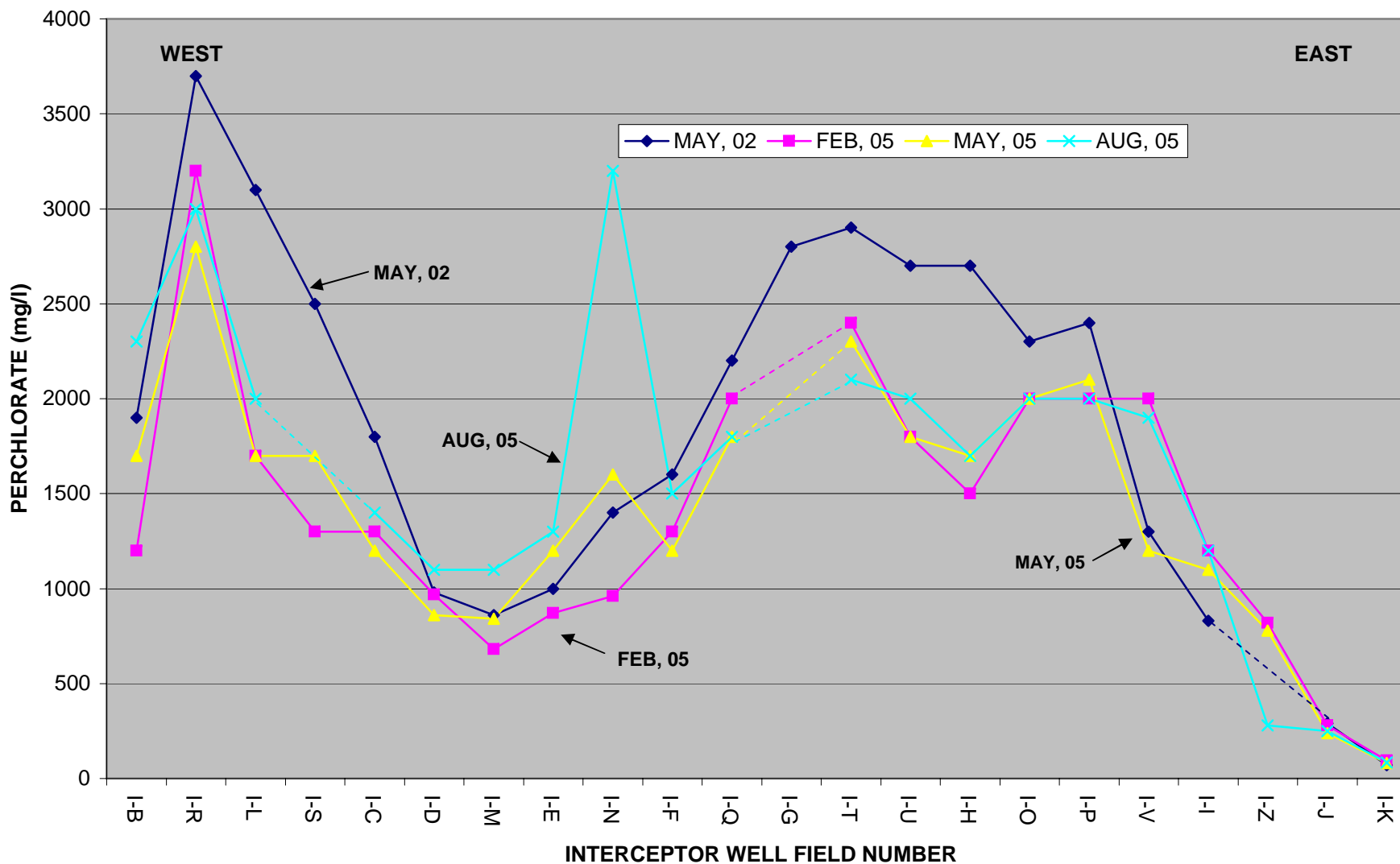


FIGURE 5A: INTERCEPTOR WELL FIELD AVERAGE PERCHLORATE CONCENTRATION AND MASS REMOVED

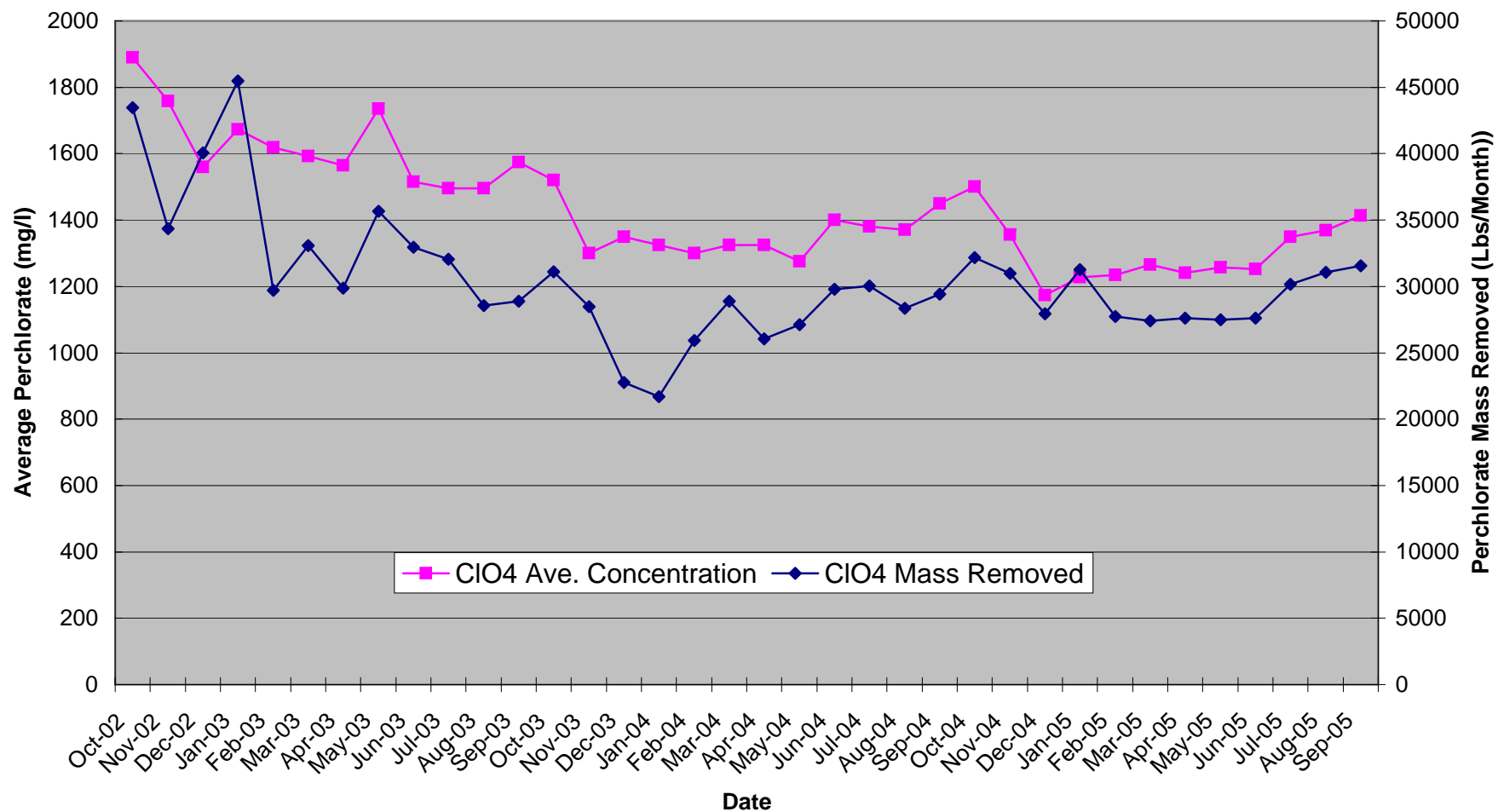


FIGURE 6: ATHENS ROAD WELL FIELD: PERCHLORATE CONCENTRATIONS

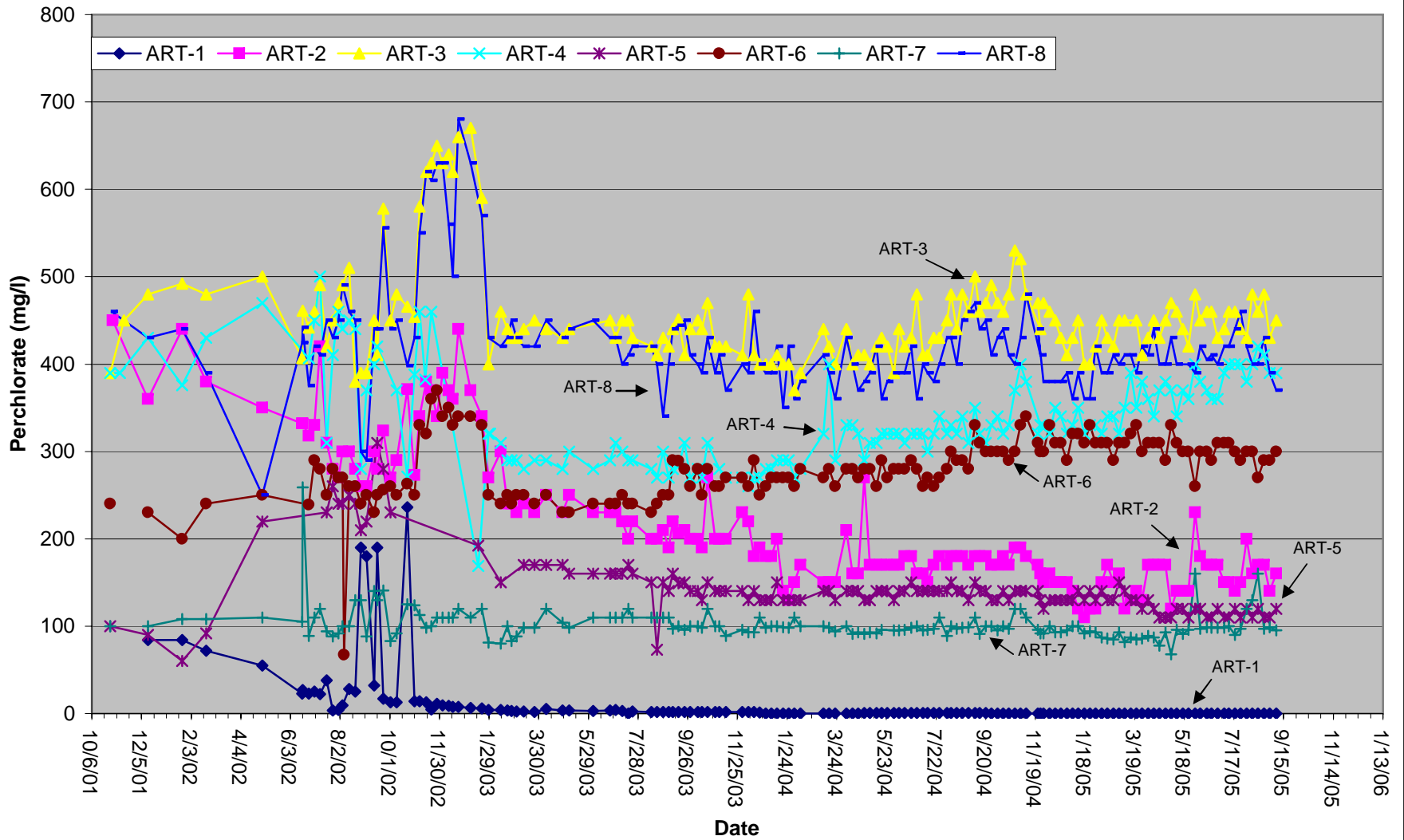


FIGURE 7: ATHENS ROAD WELL FIELD SECTION GRAPH

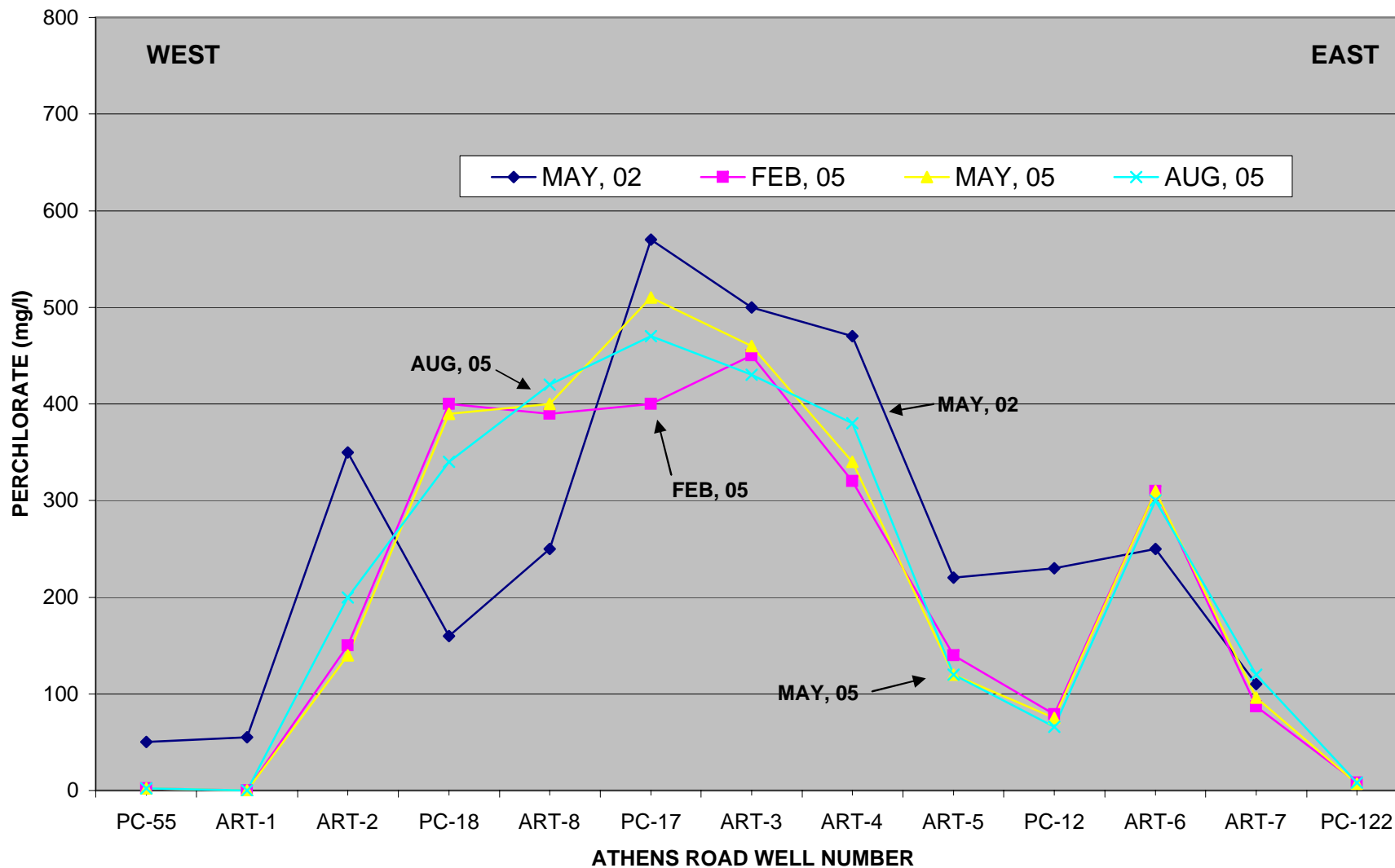


FIGURE 7A: ATHENS ROAD WELL FIELD AVERAGE PERCHLORATE CONCENTRATION AND MASS REMOVED

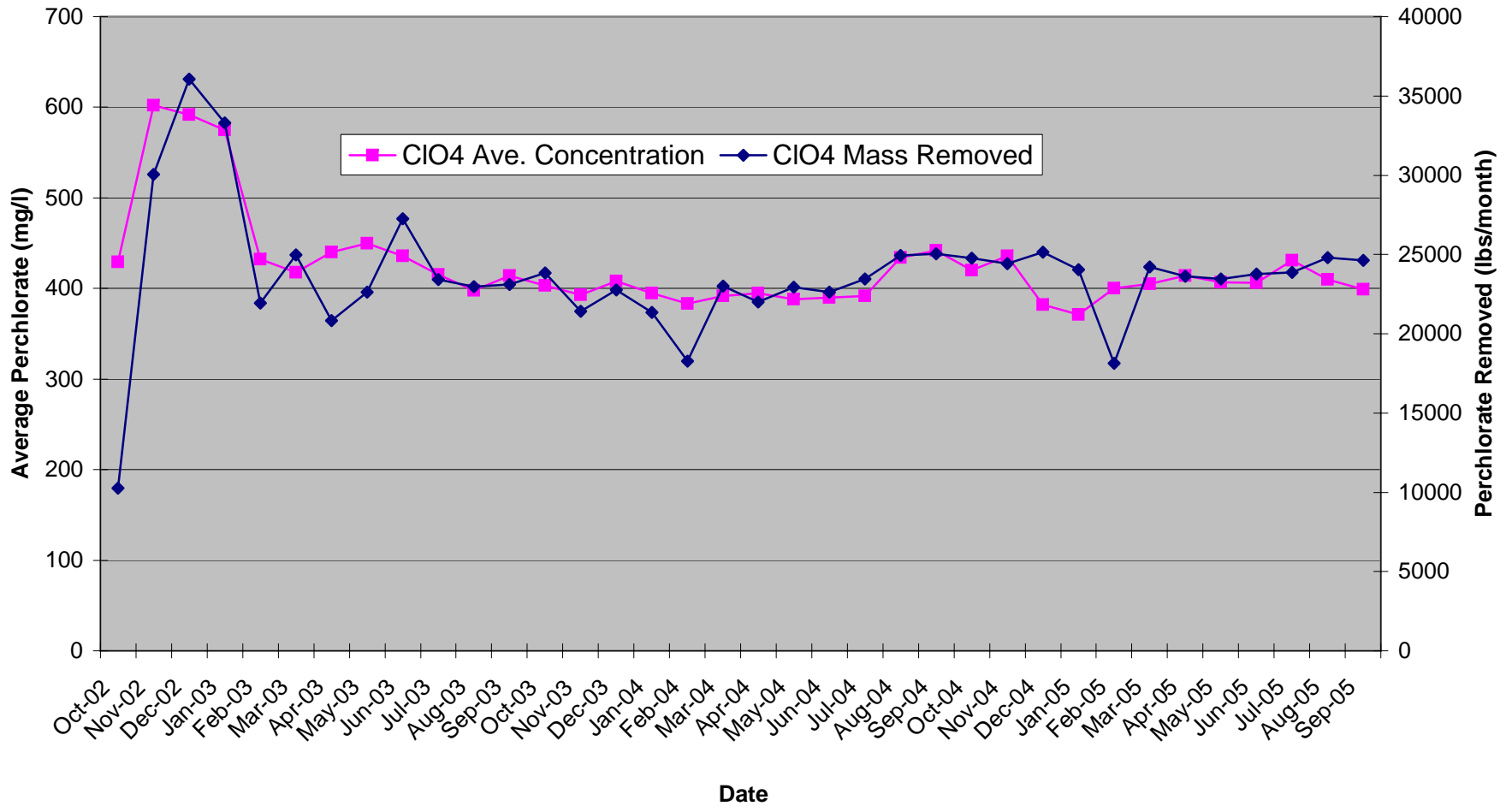


FIGURE 8: ATHENS ROAD WELLFIELD DRAWDOWN

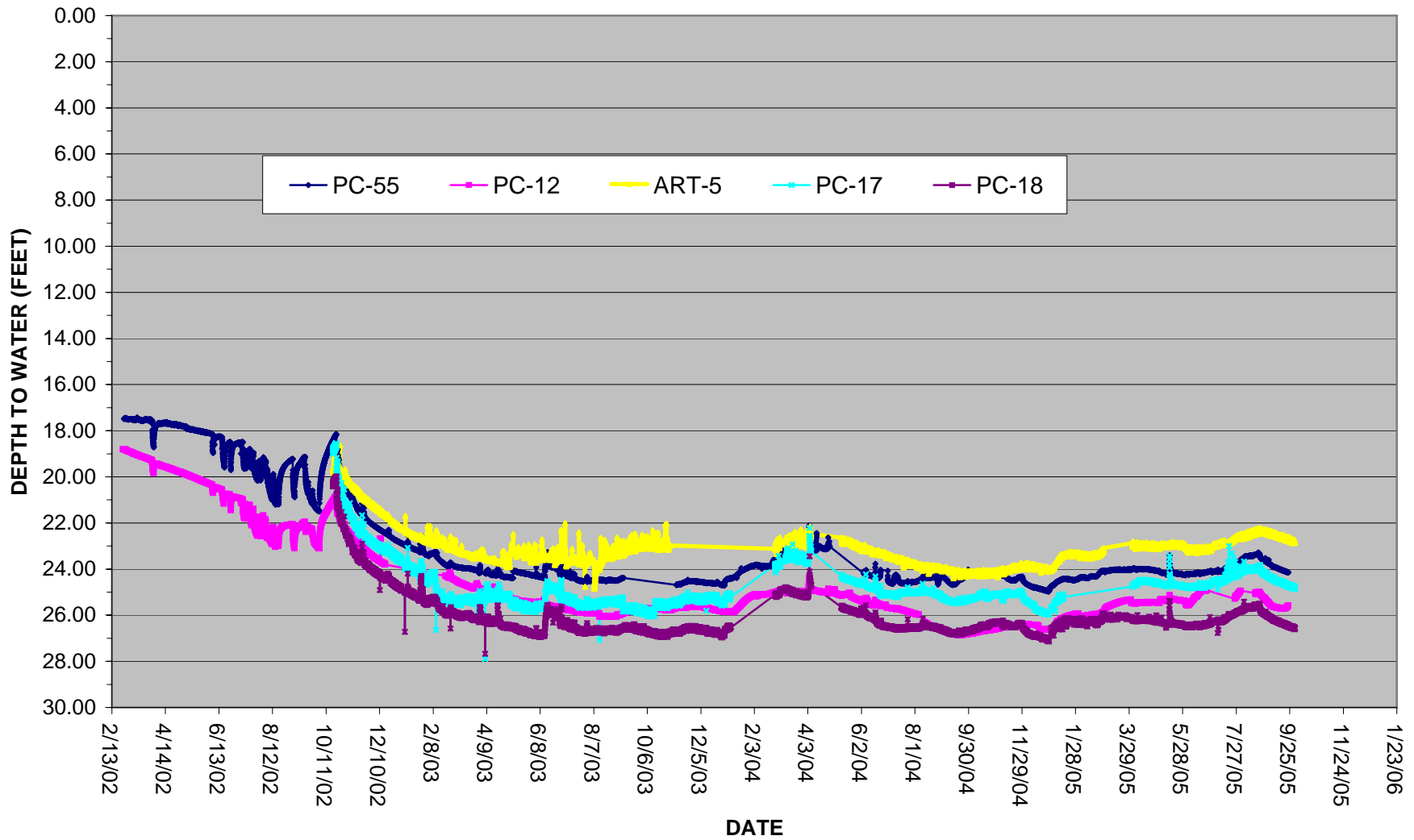


FIGURE 9: ATHENS ROAD PIEZOMETER WELLS: PERCHLORATE CONCENTRATIONS

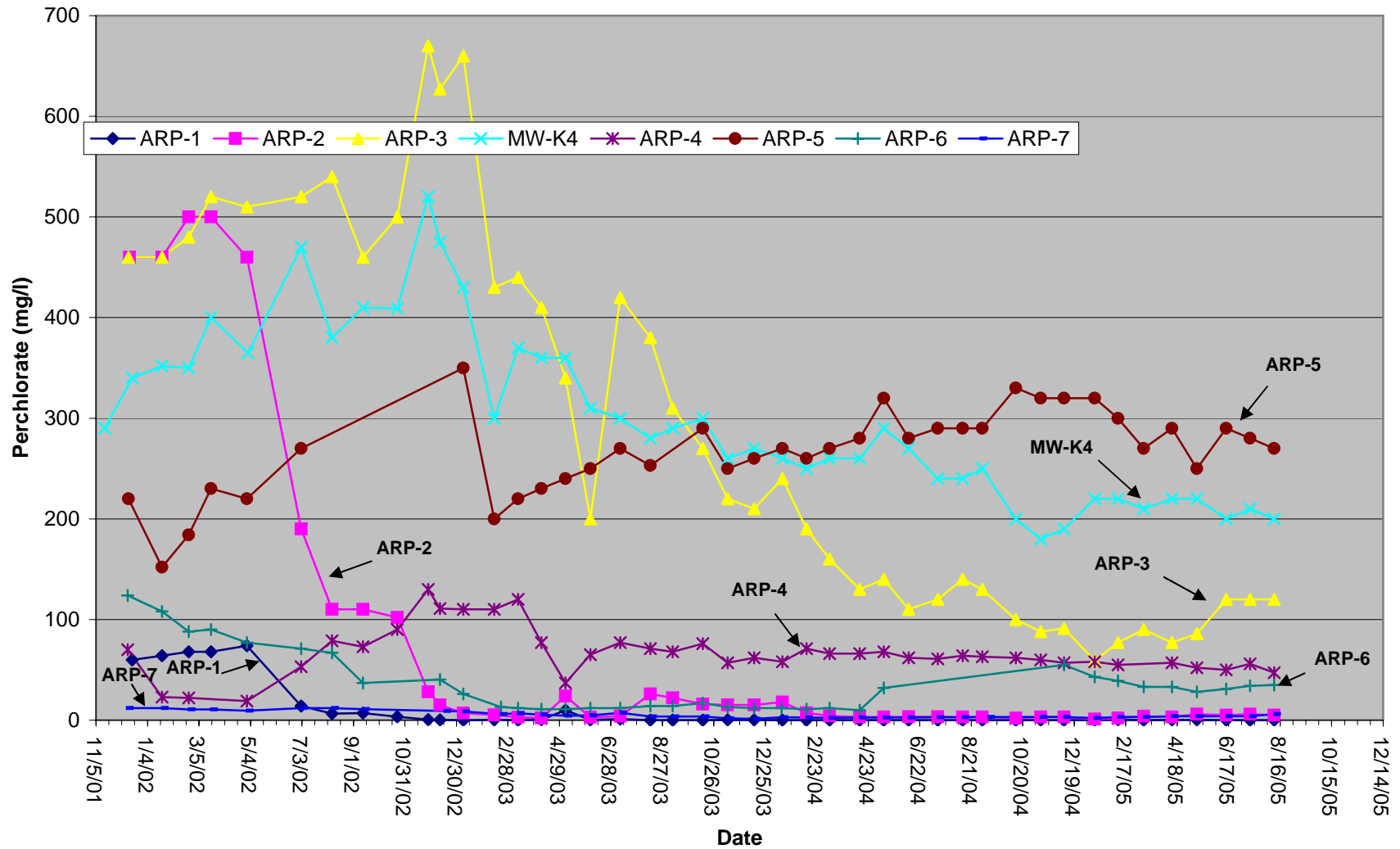
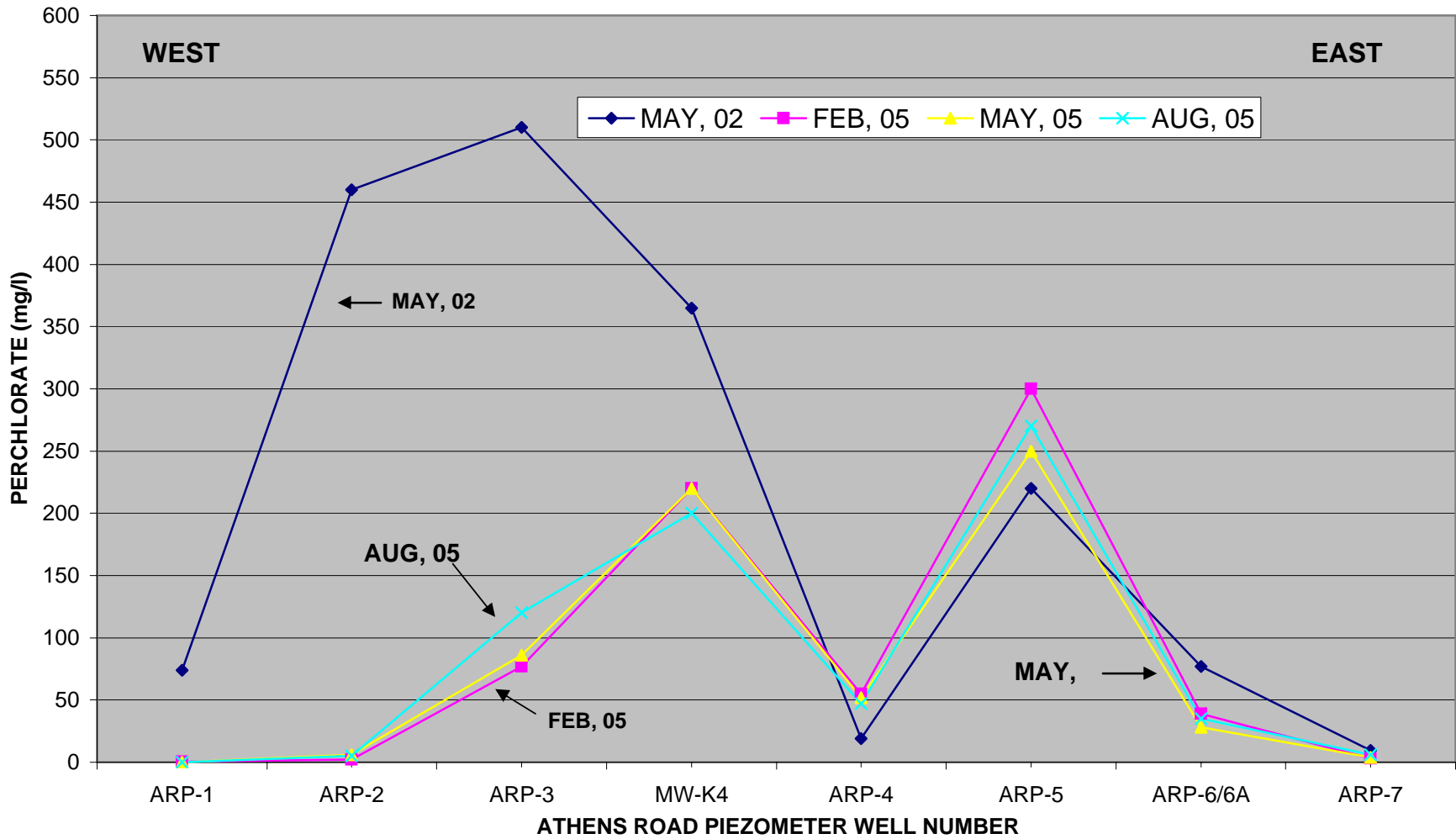


FIGURE 10: ATHENS ROAD PIEZOMETER WELL LINE SECTION GRAPH



**FIGURE 10A: GROUNDWATER MONITORING BETWEEN ATHENS ROAD AND THE SEEP
(WELLS ARP-3 and MW-K5)**

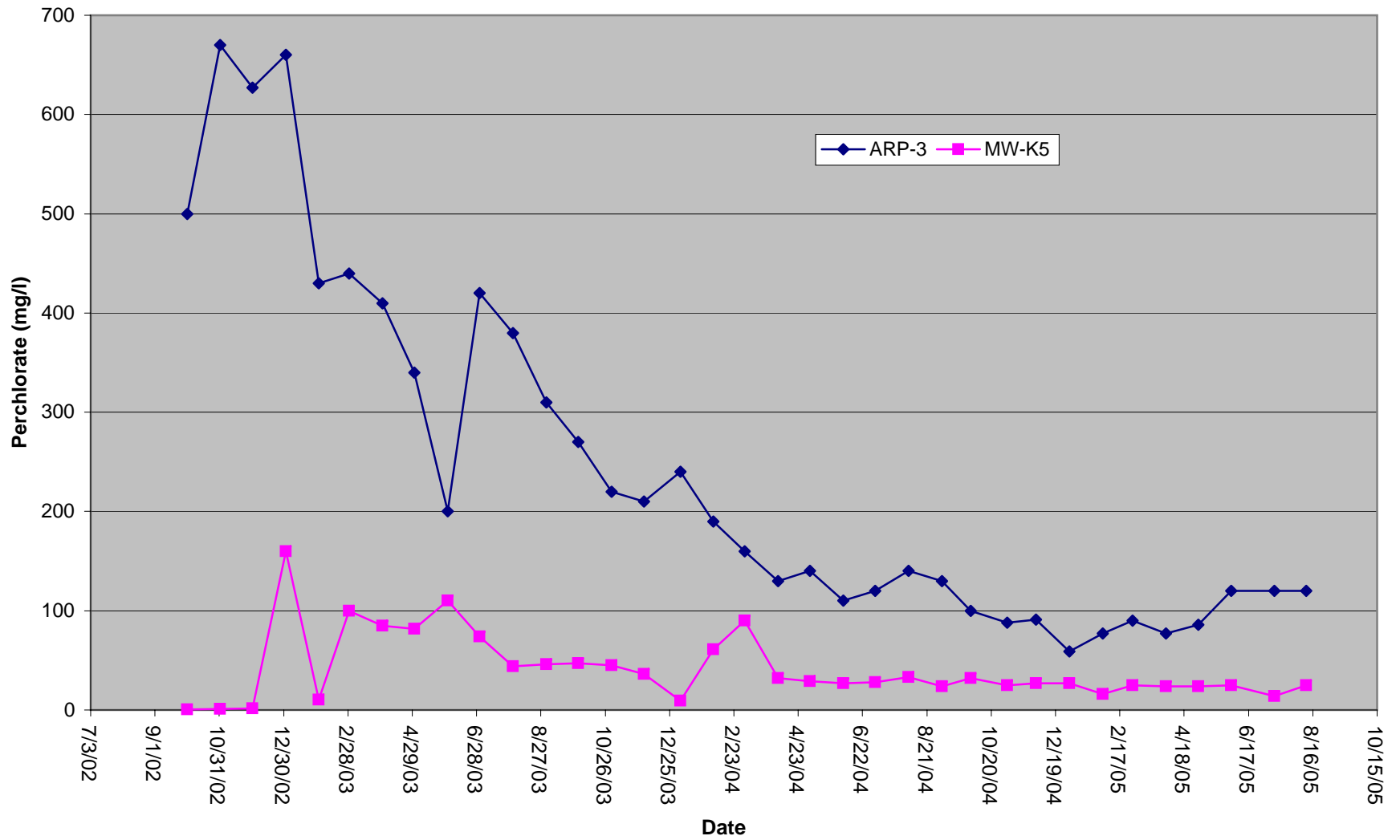


FIGURE 11: COH WRF WELL LINE: PERCHLORATE CONCENTRATIONS

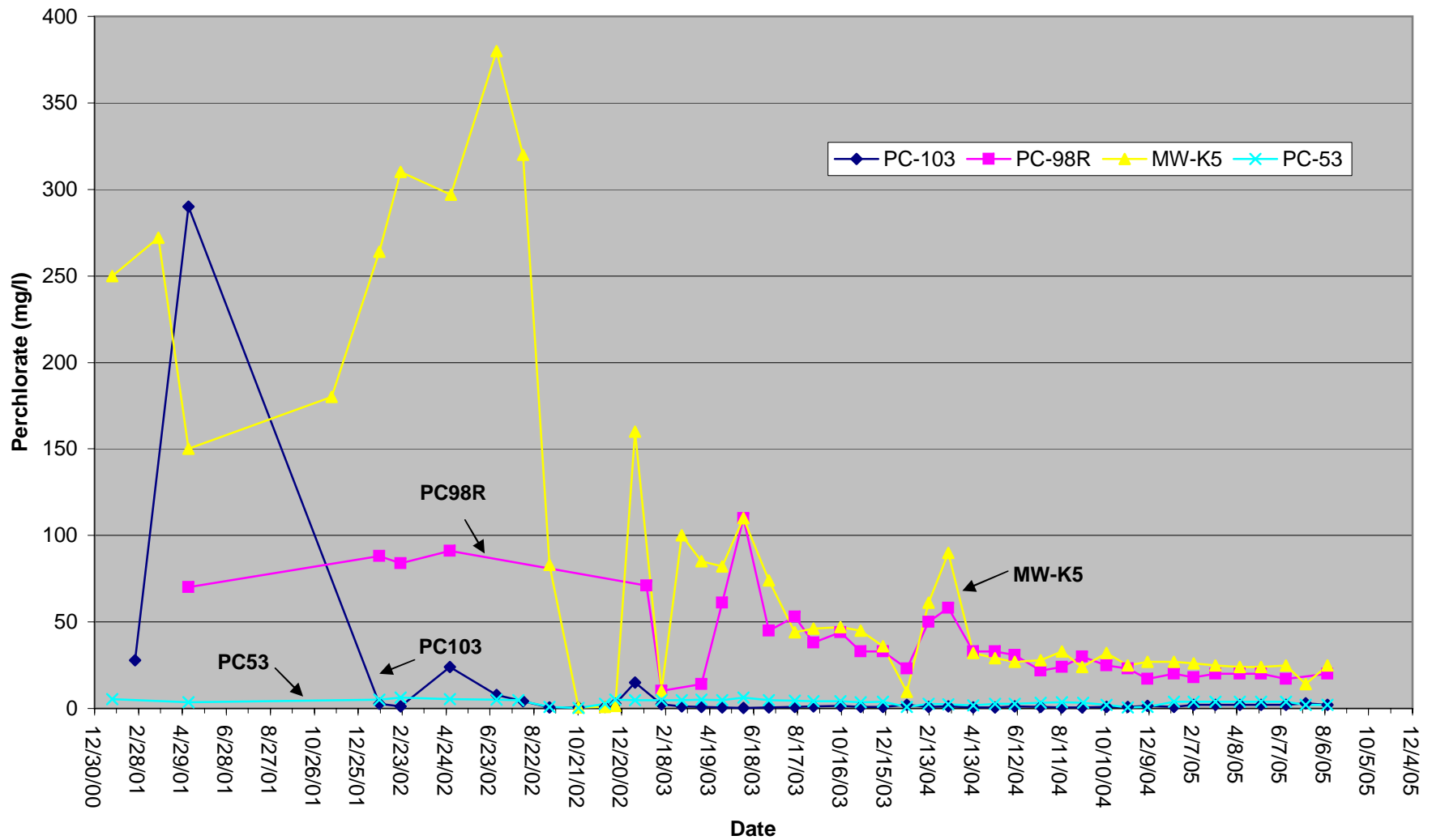


FIGURE 12: COH WRF WELL LINE SECTION GRAPH

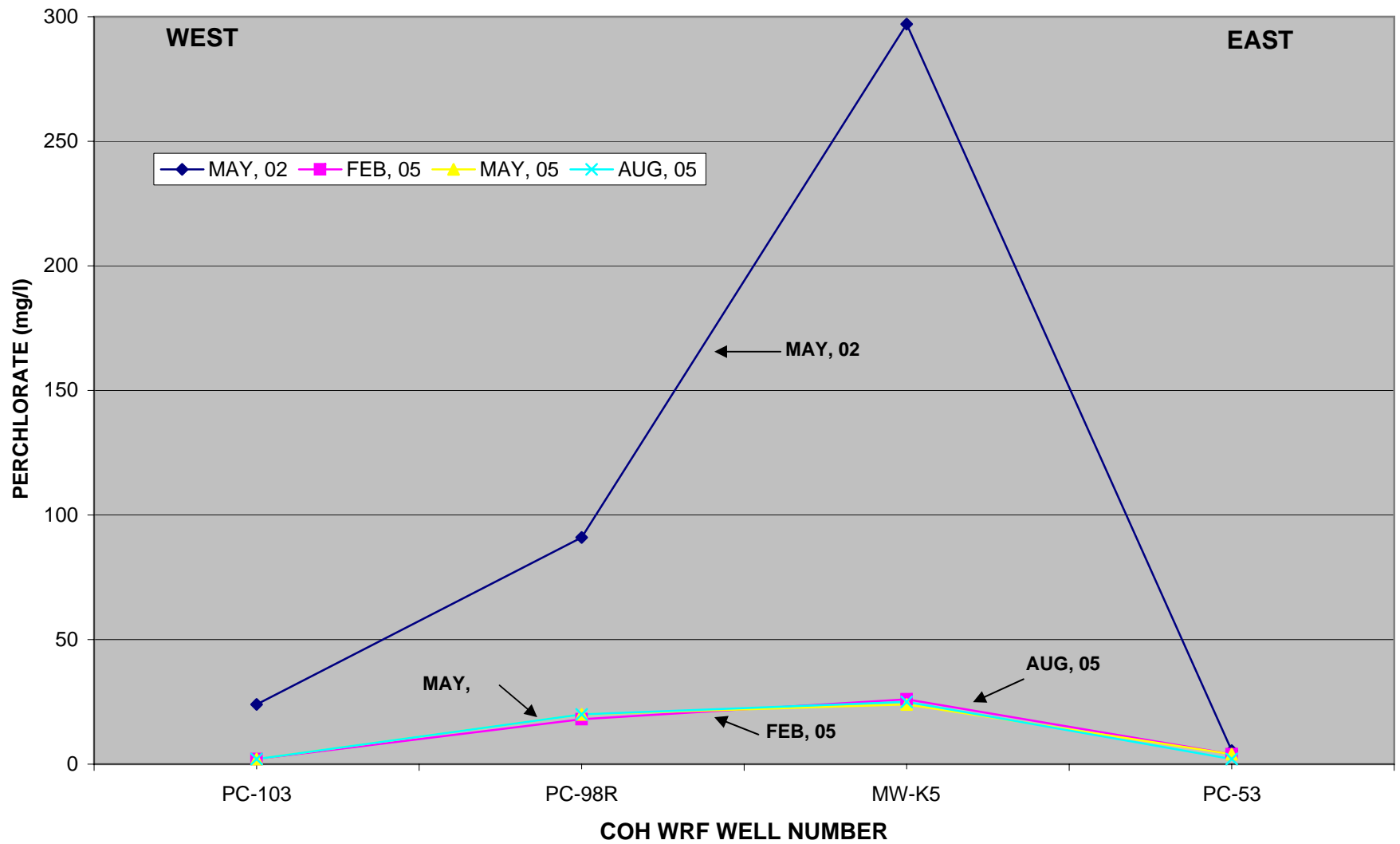


FIGURE 13: PC-98R DEPTH TO WATER

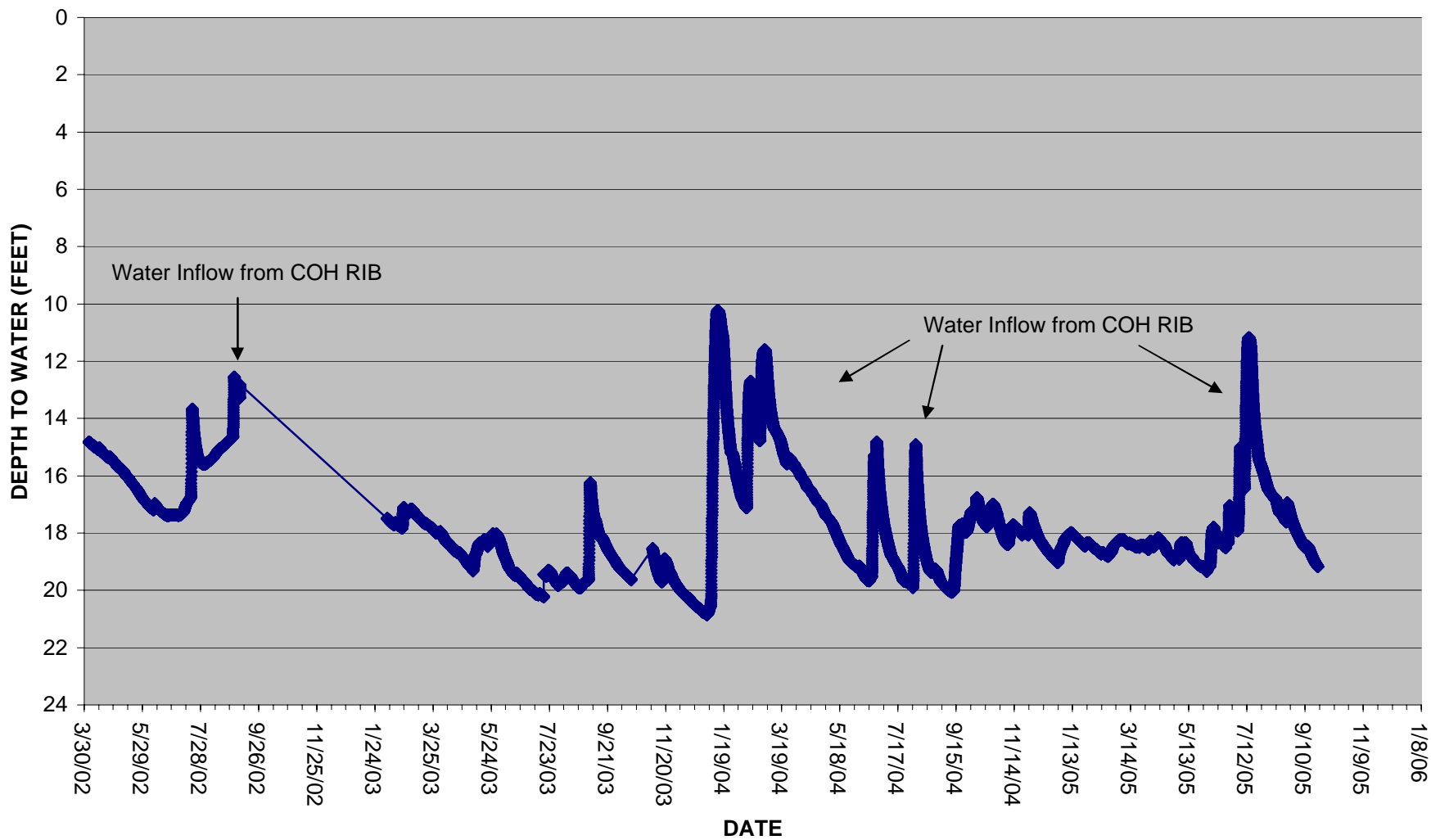


FIGURE 14: LOWER PONDS TRAVERSE: PERCHLORATE CONCENTRATIONS

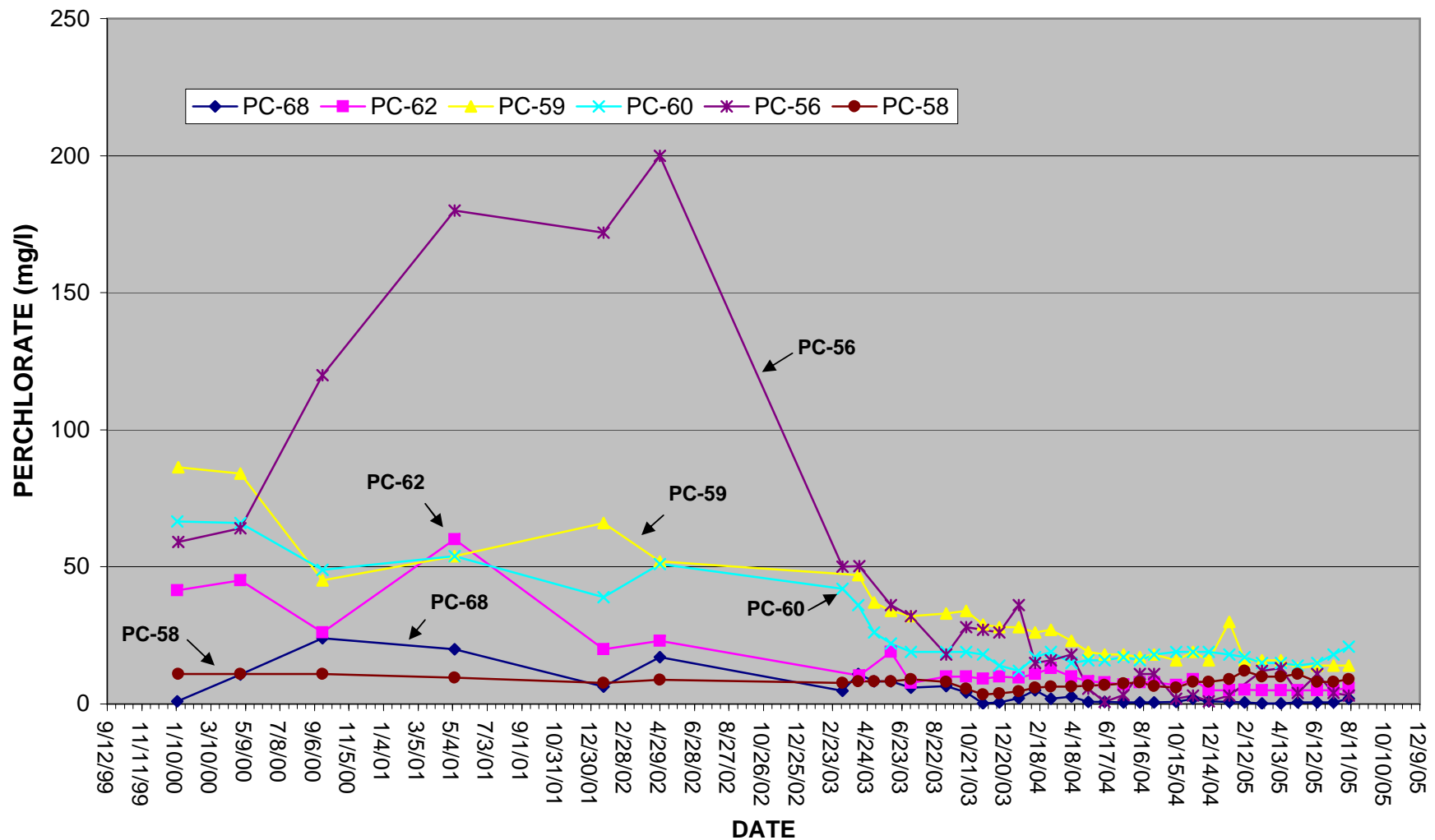


FIGURE 15: LOWER PONDS SECTION GRAPH

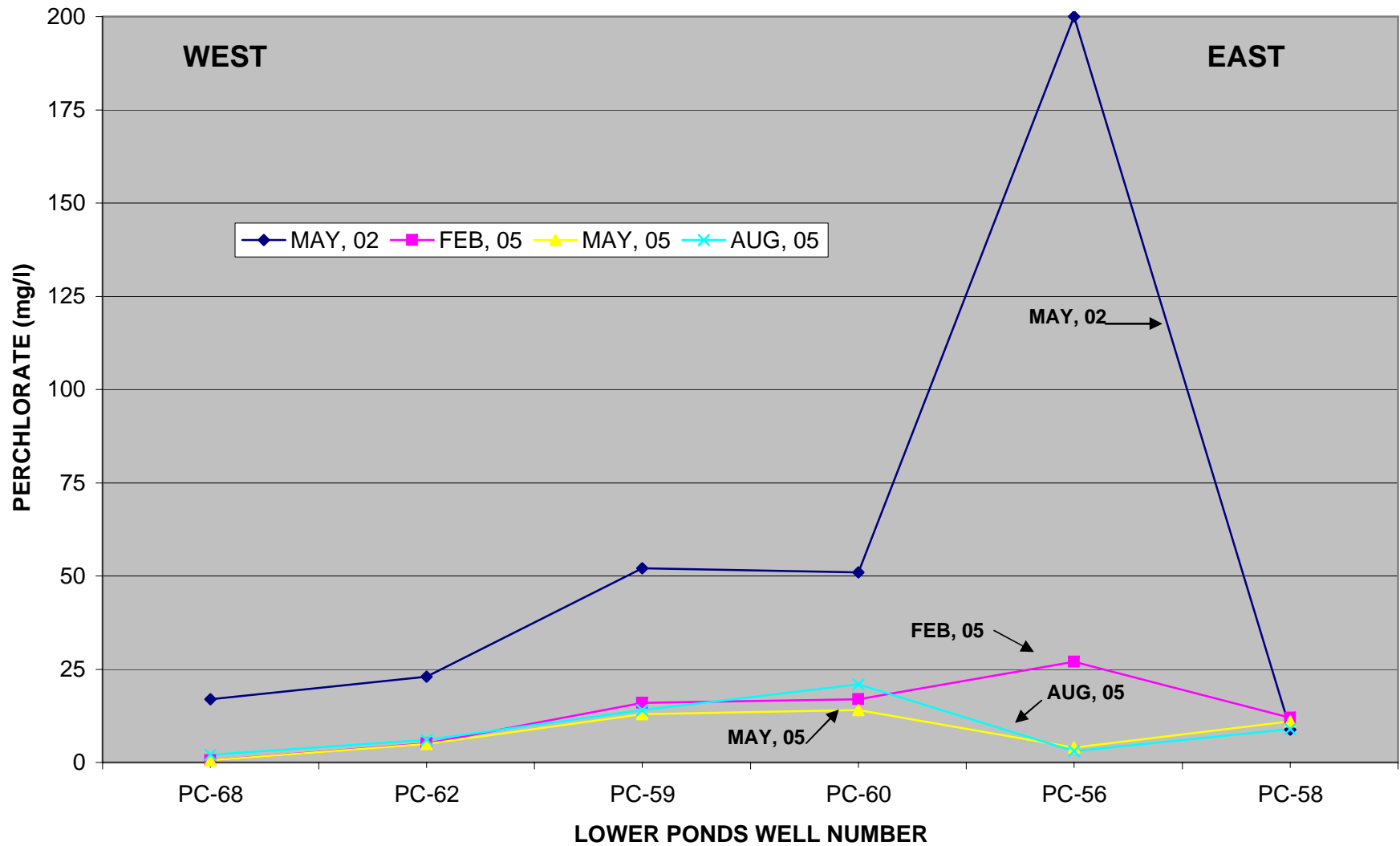


FIGURE 16: SEEP WELL FIELD: PERCHLORATE CONCENTRATIONS

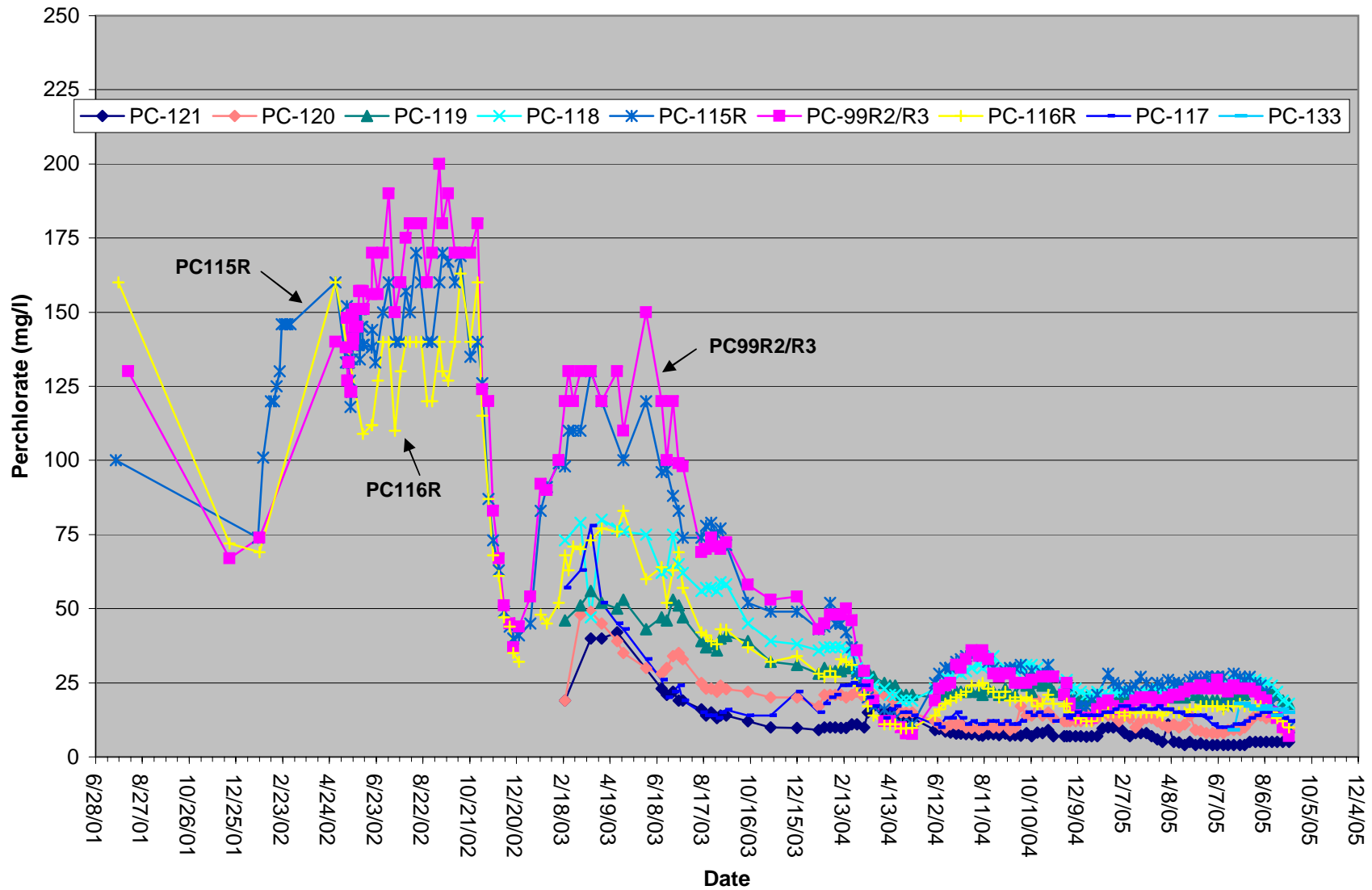


FIGURE 16A: SEEP AREA GROUNDWATER MONITORING WELL PC-97

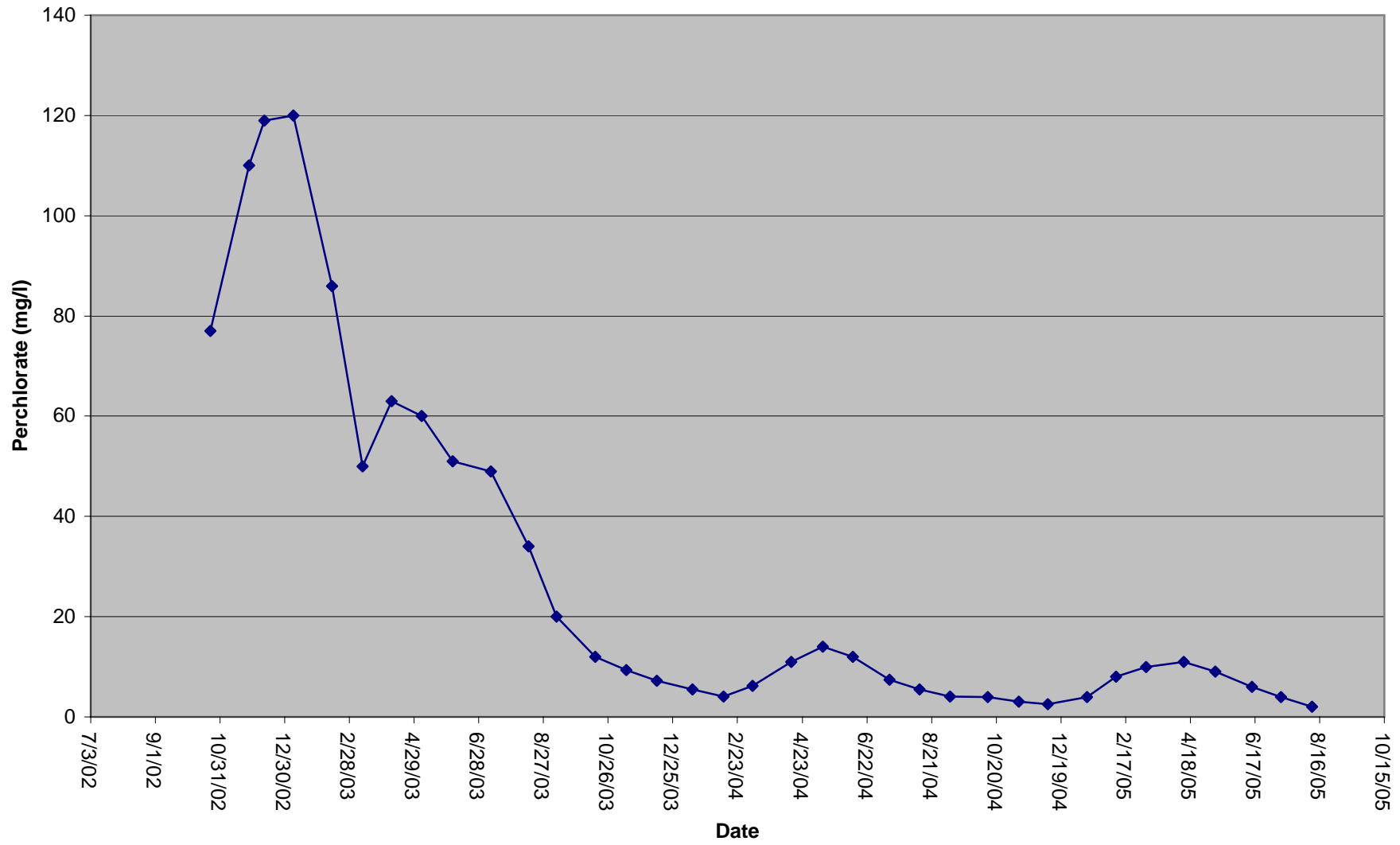


FIGURE 17: SEEP WELL FIELD SECTION GRAPH

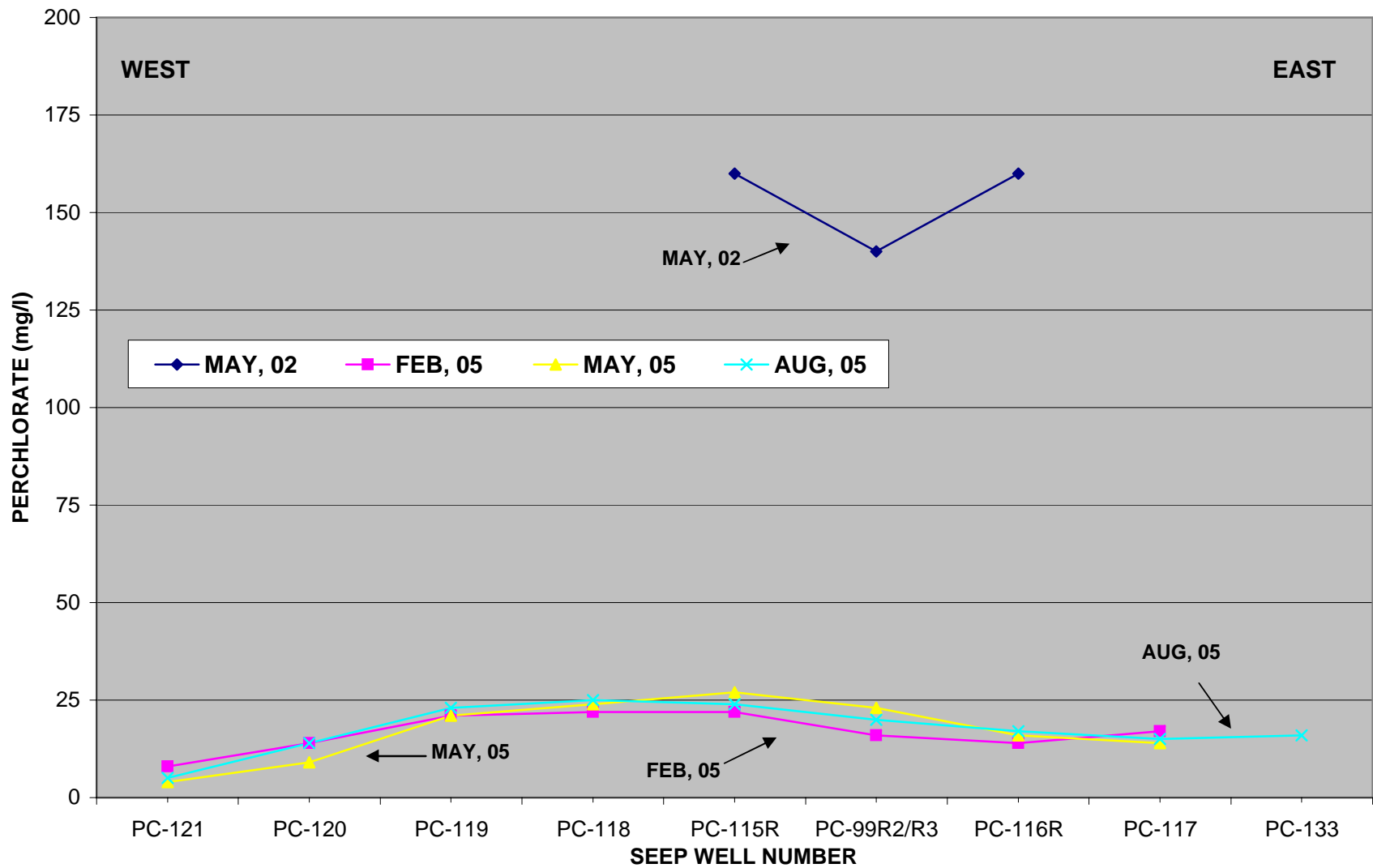


FIGURE 17A: SEEP AREA AVERAGE PERCHLORATE CONCENTRATION AND MASS REMOVED

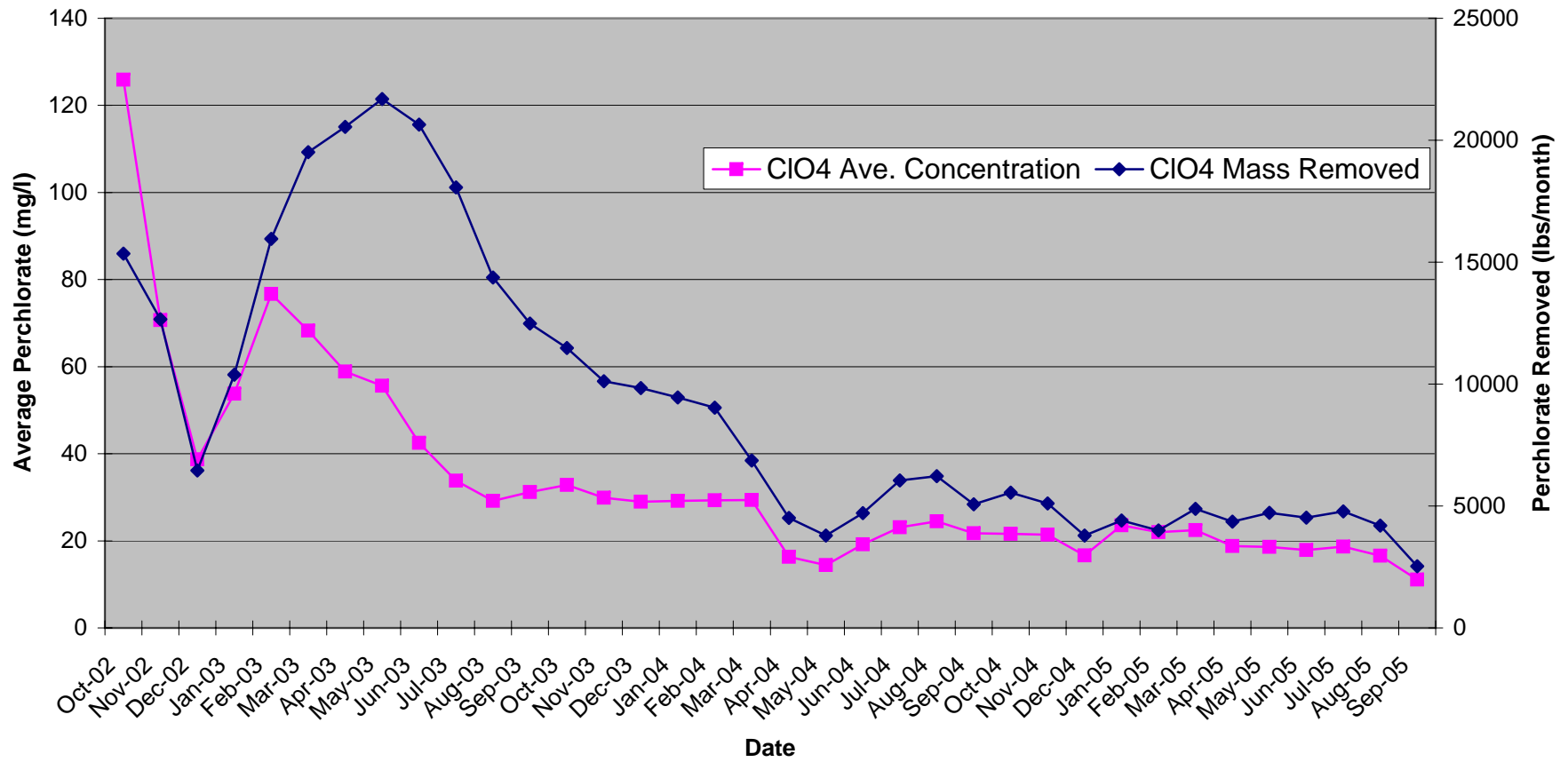
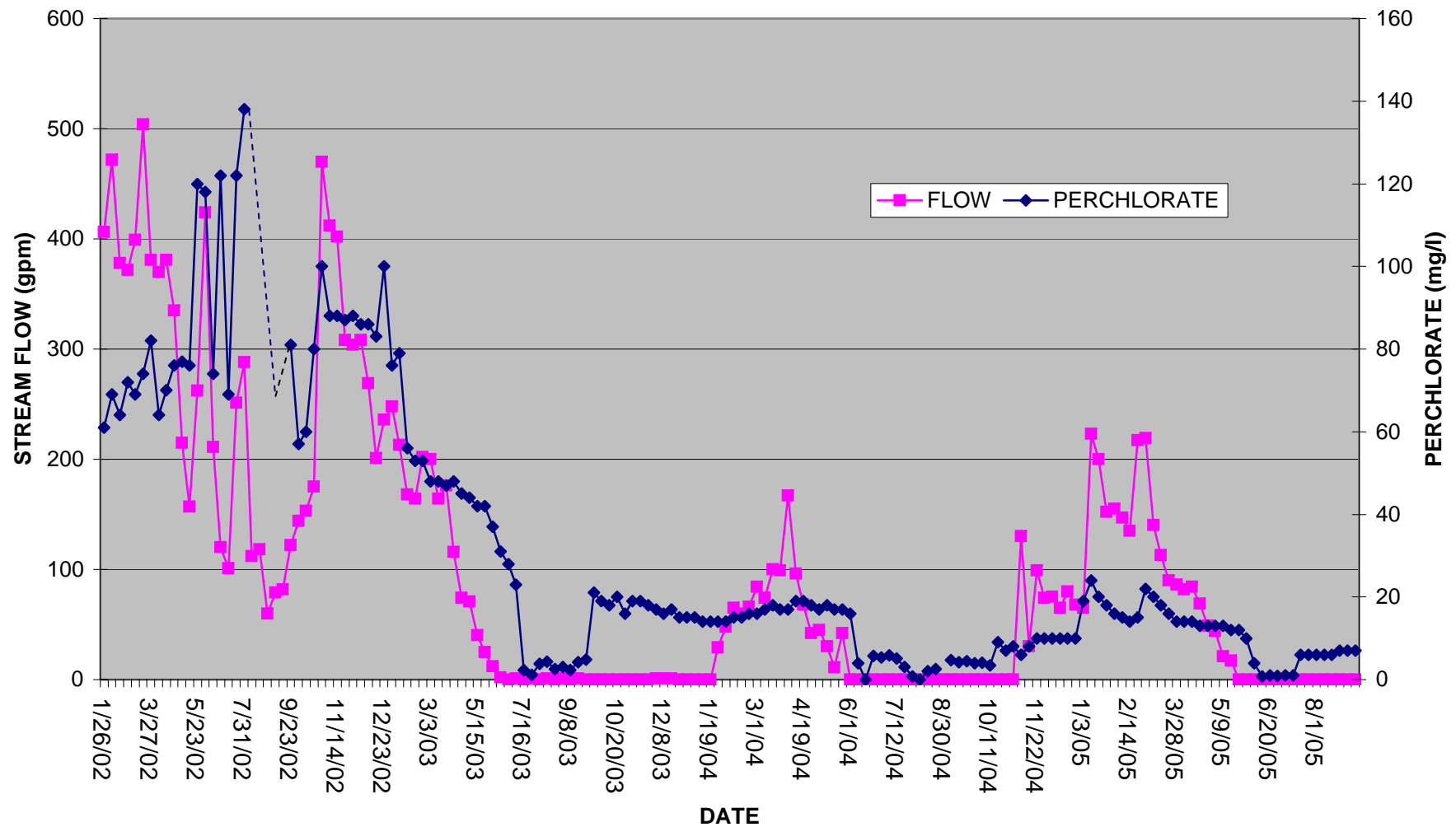


FIGURE 18: SEEP STREAM FLOW VS. PERCHLORATE CONCENTRATION



PLATES

828000

830000

832000

25

Las Vegas Wash

30

26733000

26733000

26731000

26731000

36

31

26729000

26729000

26727000

26727000

LINE OF SECTION
PLATE 5

T. 21 S.
T. 22 S.

R. 62 E.
R. 63 E.

PLATE: 1 POTENTIOMETRIC SURFACE BETWEEN THE ATHENS ROAD WELL FIELD AND THE SEEP AUGUST 2005

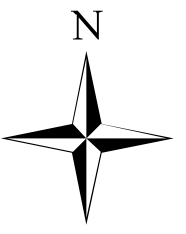
—1586— ISOELEVATION LINE OF POTENTIOMETRIC SURFACE (AMSL) C.I. = 3 FEET
→ DIRECTION OF GROUNDWATER FLOW

★ SEEP PUMPING STATION
● MONITOR WELL
▲ RECOVERY WELL

LAND OWNERSHIP
BMI
Timet

1 inch = 300 feet
1: 3,600

0 300 600 900 Feet



OCTOBER 2005

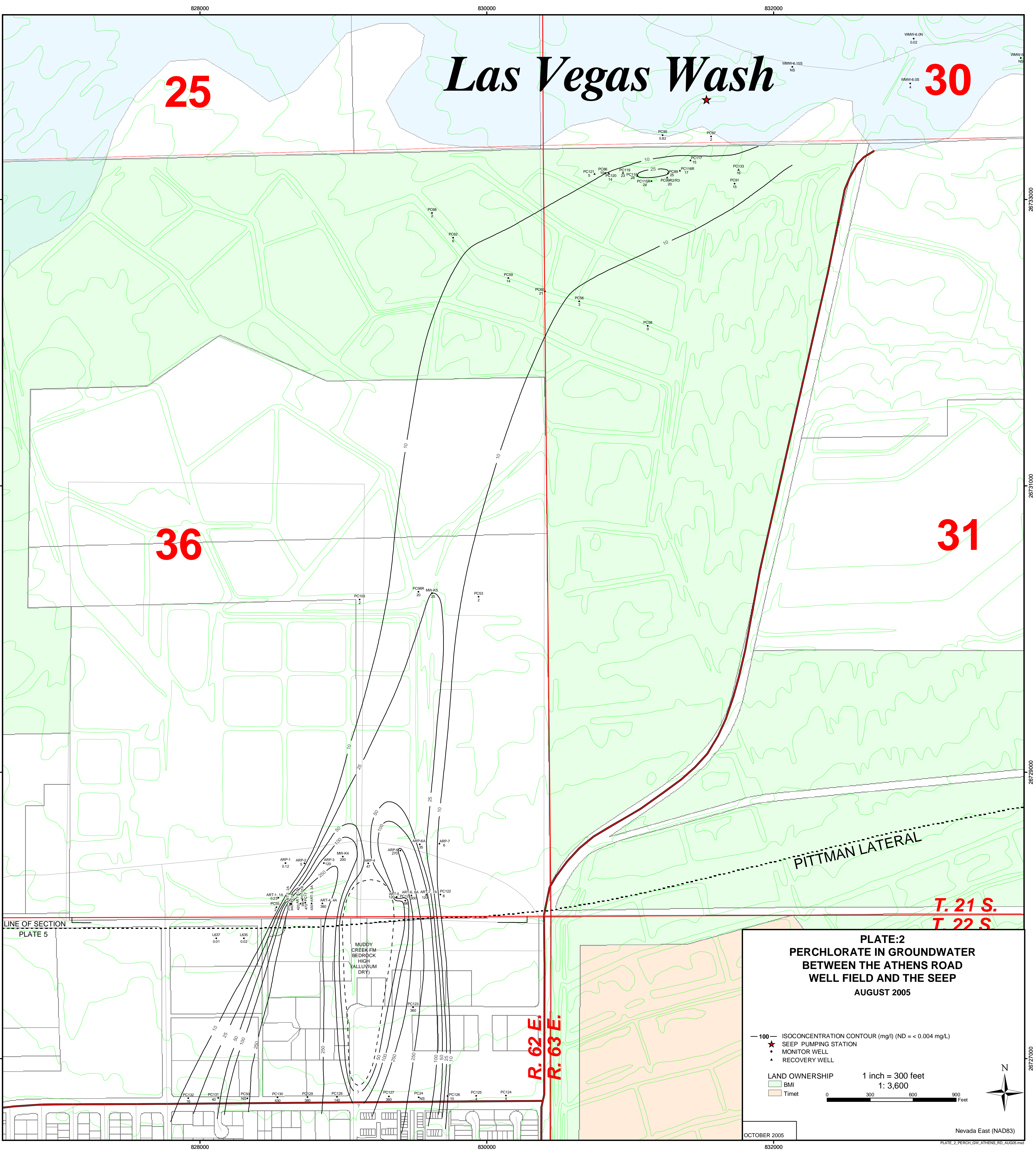
Nevada East (NAD83)

828000

830000

832000

PLATE_1.POTENT_SURF_ATHENS_RD_AUG05.MXD



Las Vegas Wash

25

30

36

31

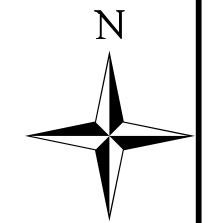
PITTMAN LATERAL

T. 21 S.
T. 22 S.

R. 62 E.
R. 63 E.

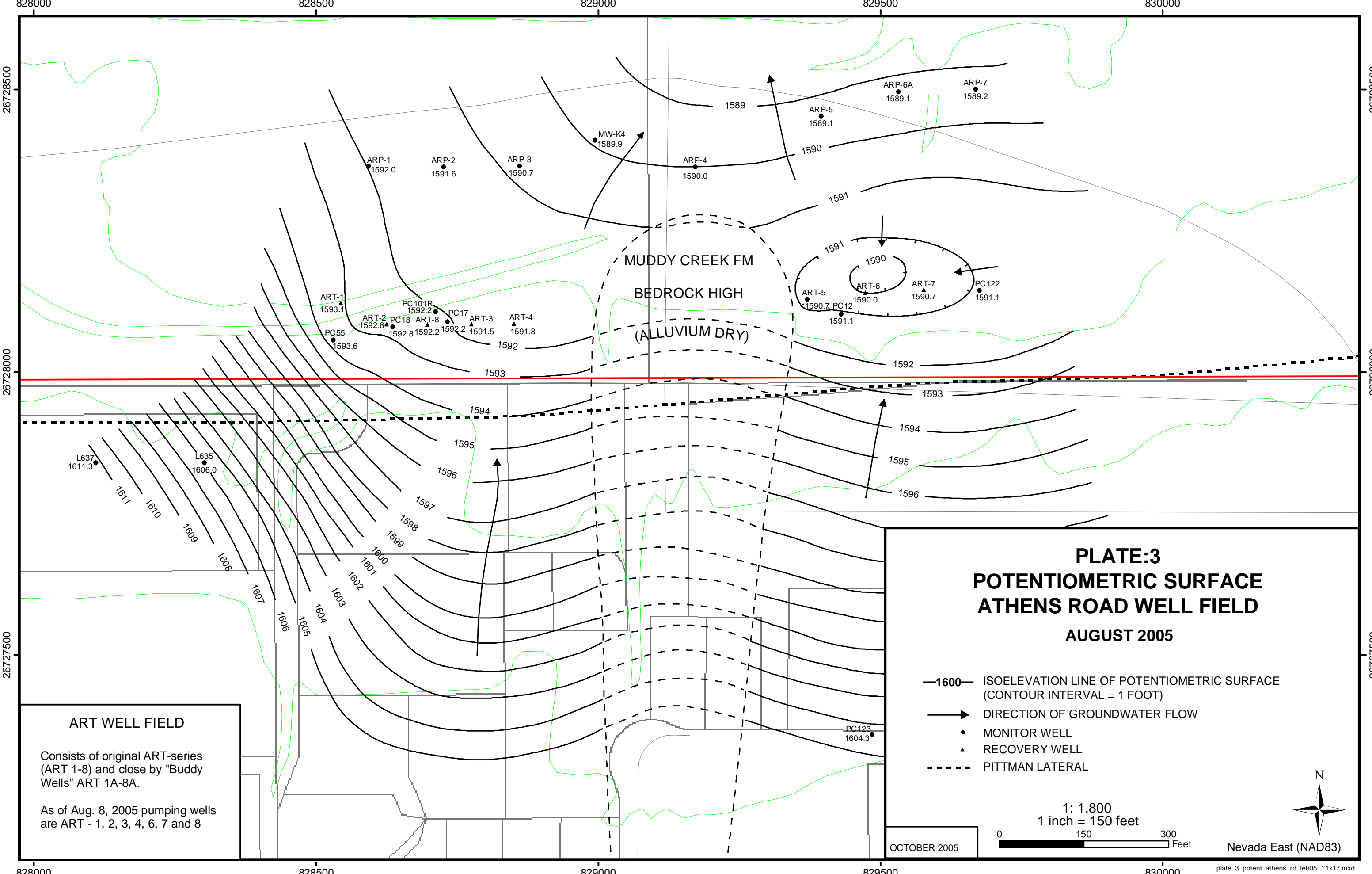
**PLATE:2
PERCHLORATE IN GROUNDWATER
BETWEEN THE ATHENS ROAD
WELL FIELD AND THE SEEP
AUGUST 2005**

- 100 — ISOCONCENTRATION CONTOUR (mg/l) (ND = < 0.004 mg/L)
 - ★ SEEP PUMPING STATION
 - MONITOR WELL
 - ▲ RECOVERY WELL
- LAND OWNERSHIP
- Green BMI
 - Orange Timet
- 1 inch = 300 feet
1:3,600
- 0 300 600 900 Feet



OCTOBER 2005

Nevada East (NAD83)
PLATE_2_PERCHLW_ATHENS_RD_AUG05.mxd



MUDDY CREEK FM
 BEDROCK HIGH
 (ALLUVIUM DRY)

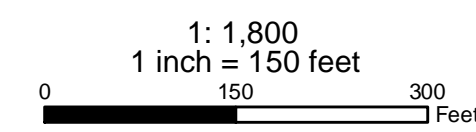
PLATE:3
POTENTIOMETRIC SURFACE
ATHENS ROAD WELL FIELD
AUGUST 2005

- 1600— ISOELEVATION LINE OF POTENTIOMETRIC SURFACE (CONTOUR INTERVAL = 1 FOOT)
- ➔ DIRECTION OF GROUNDWATER FLOW
- MONITOR WELL
- ▲ RECOVERY WELL
- - - - PITTMAN LATERAL

ART WELL FIELD

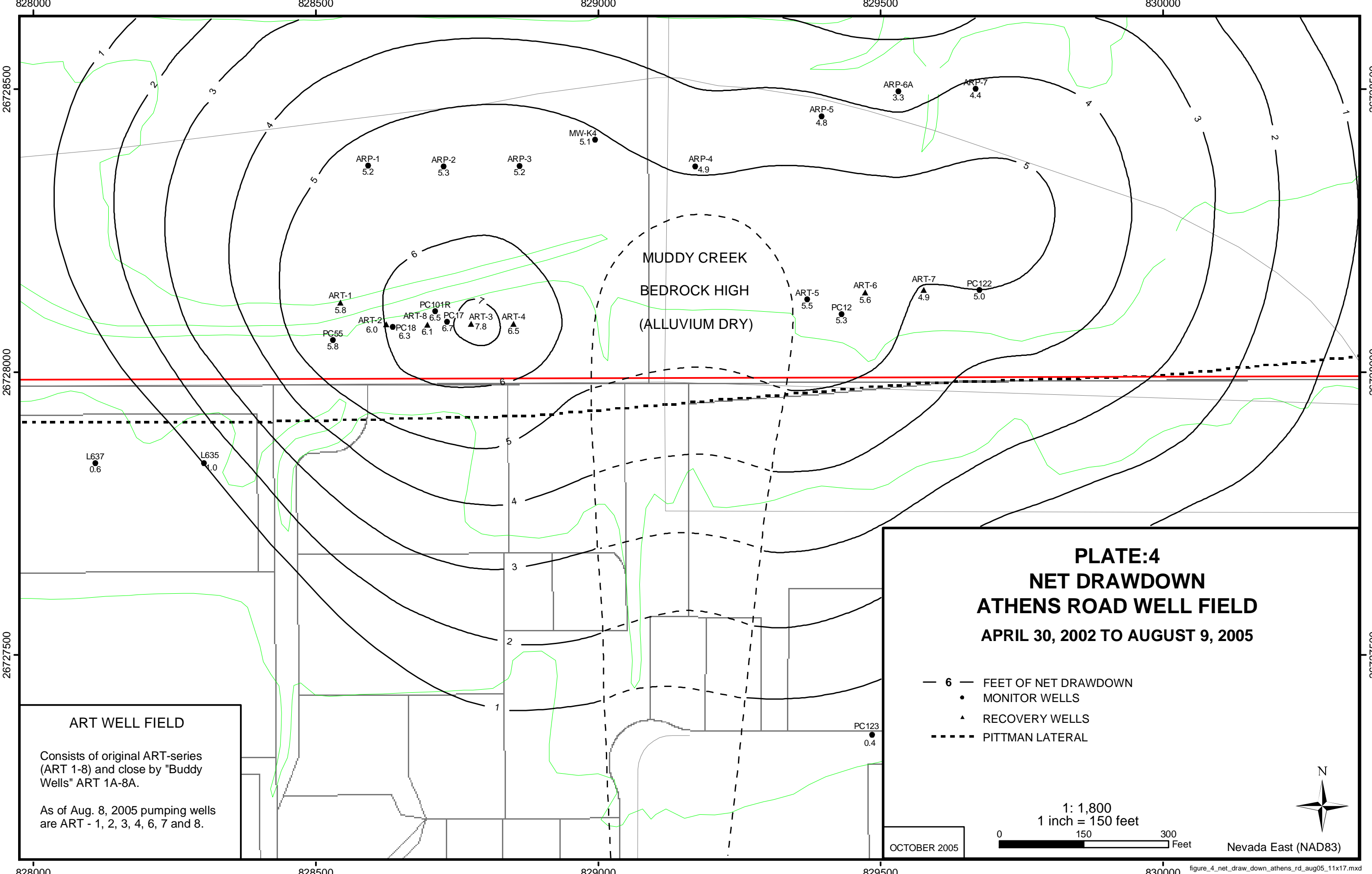
Consists of original ART-series (ART 1-8) and close by "Buddy Wells" ART 1A-8A.

As of Aug. 8, 2005 pumping wells are ART - 1, 2, 3, 4, 6, 7 and 8



OCTOBER 2005





MUDDY CREEK
BEDROCK HIGH
(ALLUVIUM DRY)

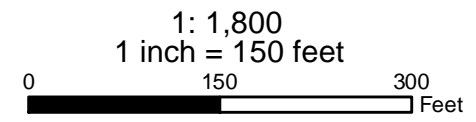
PLATE:4
NET DRAWDOWN
ATHENS ROAD WELL FIELD
APRIL 30, 2002 TO AUGUST 9, 2005

- 6 — FEET OF NET DRAWDOWN
- MONITOR WELLS
- ▲ RECOVERY WELLS
- - - - PITTMAN LATERAL

ART WELL FIELD

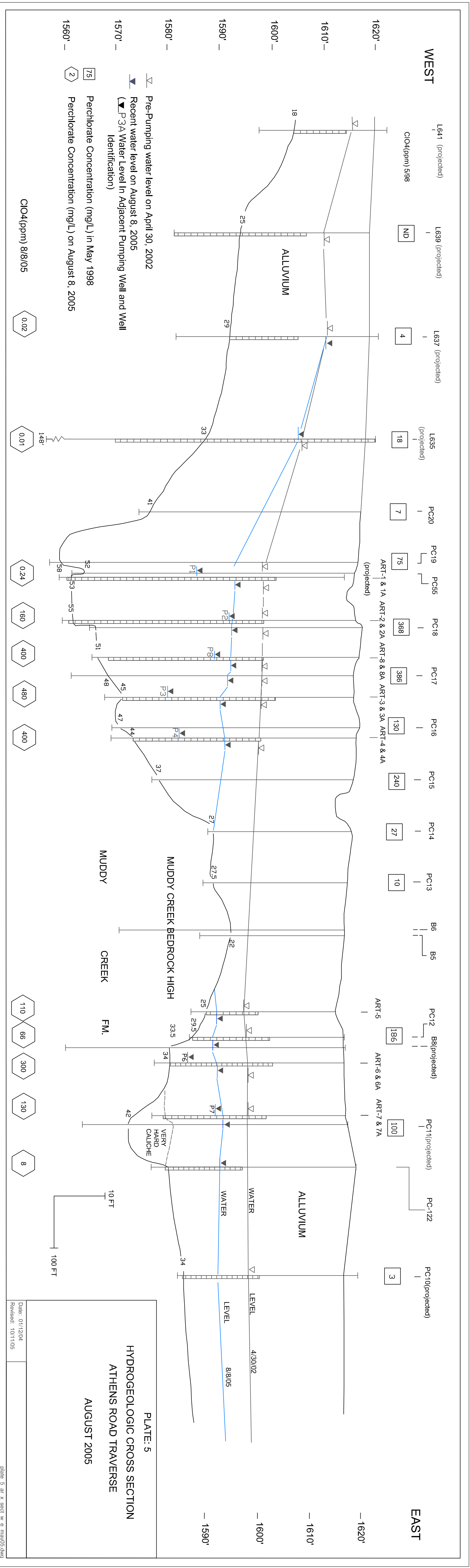
Consists of original ART-series (ART 1-8) and close by "Buddy Wells" ART 1A-8A.

As of Aug. 8, 2005 pumping wells are ART - 1, 2, 3, 4, 6, 7 and 8.



Nevada East (NAD83)

OCTOBER 2005



APPENDIX A
GROUNDWATER ELEVATIONS OF SELECTED
ON-SITE WELLS

Appendix A
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected On-Site Wells

TOC-->	I-B		I-C		I-D		I-E		I-F	
	1752.67		1752.78		1752.66		1752.36		1749.7	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
4/27/98	43.18	1707.51	42.73	1707.71	32.15	1718.39	33.22	1717.00	40.74	1706.84
9/14/98	42.73	1707.96	41.13	1709.31	44.41	1706.13	37.15	1713.07	40.70	1706.88
12/15/98	42.86	1707.83	41.10	1709.34	44.50	1706.04	35.63	1714.59	40.98	1706.60
2/4/99	43.21	1707.48	43.94	1706.50	44.64	1705.90	34.15	1716.07	41.32	1706.26
3/24/99	42.80	1707.89	43.90	1706.54	44.62	1705.92	36.00	1714.22	41.50	1706.08
5/4/99	42.10	1708.59	43.70	1706.74	43.87	1706.67	39.65	1710.57	40.56	1707.02
8/9/99	42.54	1708.15	43.37	1707.07	44.80	1705.74	35.50	1714.72	41.04	1706.54
11/8/99	43.54	1707.15	34.49	1715.95	44.32	1706.22	36.85	1713.37	44.00	1703.58
1/31/00	44.00	1706.69	35.32	1715.12	38.55	1711.99	36.62	1713.60	44.80	1702.78
5/1/00	43.19	1707.50	43.62	1706.82	43.42	1707.12	34.50	1715.72	32.81	1714.77
9/18/00			43.75	1706.69	41.47	1709.07	45.25	1704.97	43.92	1703.66
11/13/00	44.20	1706.49	43.70	1706.74	41.36	1709.18	45.10	1705.12	41.80	1705.78
2/1/01	42.33	1708.36	43.85	1706.59	41.41	1709.13	45.32	1704.90	44.42	1703.16
5/1/01	43.48	1707.21			41.95	1708.59	45.42	1704.80		
9/1/01	39.70	1710.99	44.15	1706.29	42.20	1708.34	46.30	1703.92	41.25	1706.33
11/1/01	40.68	1710.01	38.23	1712.21	41.50	1709.04	36.55	1713.67	29.50	1718.08
3/1/02	40.44	1710.25	44.00	1706.44	48.48	1702.06	43.00	1707.22	29.10	1718.48
5/1/02	31.31	1719.38	42.00	1708.44	39.80	1710.74	43.20	1707.02	27.80	1719.78
9/9/02	43.26	1709.41	44.45	1708.33	40.51	1712.15	41.20	1711.16	29.68	1720.02
12/9/02	39.66	1713.01	36.29	1716.49	30.93	1721.73	36.37	1715.99	27.40	1722.30
1/20/03	40.02	1712.65	36.78	1716.00	35.92	1716.74	38.92	1713.44	27.95	1721.75
5/5/03	42.75	1709.92	36.44	1716.34	40.45	1712.21	38.10	1714.26	27.60	1722.10
7/9/03	30.67	1722.00	30.90	1721.88	31.35	1721.31	30.70	1721.66	27.18	1722.52
8/13/03	33.80	1718.87	39.30	1713.48	39.40	1713.26	45.10	1707.26	28.00	1721.70
9/8/03	31.11	1721.56	34.01	1718.77	32.93	1719.73	37.70	1714.66	27.07	1722.63
10/14/03	40.03	1712.64	40.92	1711.86	40.13	1712.53	45.22	1707.14	28.00	1721.7
11/12/03	39.38	1713.29	40.78	1712.00	40.47	1712.19	45.15	1707.21	28.27	1721.43
12/8/03	41.09	1711.58	40.61	1712.17	40.54	1712.12	45.24	1707.12	28.61	1721.09
1/9/04	43.62	1709.05	41.18	1711.6	40.53	1712.13	44.89	1707.47	29.04	1720.66
2/4/04	43.63	1709.04	41.81	1710.97	41.60	1711.06	45.03	1707.33	29.29	1720.41
3/15/04	32.60	1720.07	42.37	1710.41	39.94	1712.72	45.34	1707.02	29.66	1720.04
4/1/04	32.41	1720.26	29.66	1723.12	31.70	1720.96	43.18	1709.18	28.37	1721.33
5/3/04	32.95	1719.72	43.36	1709.42	31.16	1721.50	40.12	1712.24	27.89	1721.81
6/10/04	33.78	1718.89	42.18	1710.60	31.02	1721.64	38.81	1713.55	27.7	1722.00
7/12/04	37.36	1715.31	44.51	1708.27	43.19	1709.47	43.6	1708.76	29.29	1720.41
8/4/04	34.18	1718.49	38.28	1714.50	37.77	1714.89	39.04	1713.32	28.08	1721.62
9/7/04	31.61	1721.06	44.34	1708.44	40.11	1712.55	45.31	1707.05	29.06	1720.64
10/12/04	43.59	1709.08	44.34	1708.44	41.39	1711.27	45.18	1707.18	29.32	1720.38
11/10/04	43.27	1709.40	44.34	1708.44	40.52	1712.14	45.18	1707.18	28.33	1721.37
12/6/04	43.24	1709.43	44.34	1708.44	41.61	1711.05	45.21	1707.15	27.73	1721.97
1/8/05	42.93	1709.74	39.42	1713.36	30.76	1721.90	40.71	1711.65	26.99	1722.71
2/1/05	43.13	1709.54	37.08	1715.70	30.27	1722.39	45.16	1707.20	26.64	1723.06
3/10/05	33.09	1719.58	30.51	1722.27	28.74	1723.92	32.21	1720.15	25.66	1724.04
4/11/05	31.91	1720.76	30.66	1722.12	27.94	1724.72	32.23	1720.13	25.40	1724.30
5/3/05	31.39	1721.28	31.19	1721.59	27.93	1724.73	32.28	1720.08	24.83	1724.87
6/15/05	30.81	1721.86	31.64	1721.14	27.78	1724.88	33.44	1718.92	24.51	1725.19
7/15/05	30.39	1722.28	31.41	1721.37	27.91	1724.75	33.81	1718.55	24.73	1724.97
8/2/05	30.13	1722.54	31.58	1721.20	28.44	1724.22	33.93	1718.43	23.17	1726.53
9/13/05	31.33	1721.34	31.17	1721.61	28.75	1723.91	34.67	1717.69	24.68	1725.02

Appendix A
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected On-Site Wells

TOC---->	I-G		I-H		I-I		I-J		I-K	
	1752.5		1753.21		1745.5		1750.07		1750.08	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
4/27/98	35.87	1714.55	34.85	1716.22	30.30	1713.06	34.30	1713.65	24.51	1719.46
9/14/98	39.84	1710.58	36.02	1715.05	26.04	1717.32	35.55	1712.40	24.53	1719.44
12/15/98	39.00	1711.42	40.58	1710.49	24.77	1718.59	30.63	1717.32	22.76	1721.21
2/4/99	39.95	1710.47	31.00	1720.07	24.44	1718.92	32.51	1715.44	28.60	1715.37
3/24/99	39.80	1710.62	32.00	1719.07	23.50	1719.86	29.00	1718.95	28.90	1715.07
5/4/99	39.46	1710.96	32.67	1718.40	24.33	1719.03	29.25	1718.70	30.28	1713.69
8/9/99	40.94	1709.48	33.18	1717.89	25.34	1718.02	38.12	1709.83	30.07	1713.90
11/8/99	39.90	1710.52	39.90	1711.17	25.40	1717.96	39.04	1708.91	31.10	1712.87
1/31/00	33.58	1716.84	41.51	1709.56	26.30	1717.06	28.60	1719.35	25.86	1718.11
5/1/00	39.73	1710.69	34.83	1716.24	25.92	1717.44	40.70	1707.25	30.23	1713.74
9/18/00	34.56	1715.86	41.26	1709.81	30.70	1712.66	41.86	1706.09	29.41	1714.56
11/13/00			39.70	1711.37	35.10	1708.26			32.45	1711.52
2/1/01	34.80	1715.62	33.85	1717.22	36.39	1706.97	41.68	1706.27	31.12	1712.85
5/1/01	35.36	1715.06	37.62	1713.45	34.64	1708.72	31.60	1716.35	30.18	1713.79
9/1/01	40.20	1710.22	36.00	1715.07	22.95	1720.41			33.10	1710.87
11/1/01	36.75	1713.67	38.20	1712.87	22.00	1721.36	29.50	1718.45	26.20	1717.77
3/1/02	34.10	1716.32	30.32	1720.75	21.00	1722.36	28.98	1718.97	27.39	1716.58
5/1/02	39.10	1711.32	32.80	1718.27	21.20	1722.16	27.80	1720.15	25.90	1718.07
9/9/02	29.78	1722.72	31.52	1721.69	20.78	1724.72	28.00	1722.07	26.59	1723.49
12/9/02	29.74	1722.76	29.93	1723.28	20.45	1725.05	27.42	1722.65	24.58	1725.50
1/20/03			29.47	1723.74	21.18	1724.32	27.66	1722.41	24.88	1725.20
5/5/03	32.14	1720.36	38.53	1714.68	20.18	1725.32	27.53	1722.54	26.39	1723.69
7/9/03	29.97	1722.53	29.66	1723.55	20.47	1725.03	25.44	1724.63	21.82	1728.26
8/13/03	39.60	1712.90	32.70	1720.51	21.50	1724.00	28.00	1722.07	30.80	1719.28
9/8/03	29.54	1722.96	40.20	1713.01	29.30	1716.20	27.15	1722.92	29.25	1720.83
10/14/03	30.14	1722.36	41.78	1711.43	21.38	1724.12	28.17	1721.90	30.43	1719.65
11/12/03	30.21	1722.29	31.80	1721.41	22.45	1723.05	29.36	1720.71	33.70	1716.38
12/8/03	30.79	1721.71	33.84	1719.37	23.48	1722.02	31.20	1718.87	32.34	1717.74
1/9/04	30.92	1721.58	35.92	1717.29	23.63	1721.87	32.03	1718.04	32.99	1717.09
2/4/04	31.21	1721.29	32.34	1720.87	23.61	1721.89	32.27	1717.8	32.28	1717.8
3/15/04	31.14	1721.36	31.93	1721.28	23.71	1721.79	32.49	1717.58	32.28	1717.8
4/1/04	30.68	1721.82	34.48	1718.73	23.48	1722.02	32.06	1718.01	33.69	1716.39
5/3/04	29.87	1722.63	32.72	1720.49	22.63	1722.87	28.16	1721.91	35.67	1714.41
6/10/04	30.27	1722.23	34.58	1718.63	23.04	1722.46	30.84	1719.23	32.78	1717.30
7/12/04	30.52	1721.98	41.87	1711.34	23.83	1721.67	32.8	1717.27	31.76	1718.32
8/4/04	30.35	1722.15	41.99	1711.22	23.51	1721.99	33.73	1716.34	35.16	1714.92
9/7/04	30.76	1721.74	39.86	1713.35	23.52	1721.98	33.38	1716.69	35.74	1714.34
10/12/04	30.94	1721.56	36.47	1716.74	23.76	1721.74	34.87	1715.20	35.69	1714.39
11/10/04	30.65	1721.85	37.31	1715.90	23.88	1721.62	34.68	1715.39	24.29	1725.79
12/6/04	30.09	1722.41	36.66	1716.55	23.54	1721.96	32.84	1717.23	35.69	1714.39
1/8/05	28.79	1723.71	37.22	1715.99	37.22	1708.28	29.98	1720.09	29.11	1720.97
2/1/05	28.91	1723.59	36.41	1716.80	36.41	1709.09	29.68	1720.39	29.59	1720.49
3/10/05	28.55	1723.95	33.86	1719.35	33.86	1711.64	26.82	1723.25	24.54	1725.54
4/11/05	28.19	1724.31	39.89	1713.32	22.47	1723.03	29.36	1720.71	29.39	1720.69
5/3/05	28.02	1724.48	36.96	1716.25	22.51	1722.99	29.38	1720.69	25.97	1724.11
6/15/05	27.68	1724.82	32.35	1720.86	21.24	1724.26	29.14	1720.93	30.59	1719.49
7/15/05	27.65	1724.85	41.09	1712.12	22.13	1723.37	29.51	1720.56	36.13	1713.95
8/2/05	27.69	1724.81	33.74	1719.47	22.23	1723.27	29.56	1720.51	26.01	1724.07
9/13/05	28.07	1724.43	40.39	1712.82	21.95	1723.55	25.57	1724.50	26.54	1723.54

Appendix A
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected On-Site Wells

TOC--->	I-L 1751.7		I-M 1752.9		I-N 1751.45		I-O 1752.8		I-P 1751.66	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
	4/27/98	32.59	1716.90	40.19	1710.53	33.43	1715.83	33.00	1717.66	
9/14/98	39.83	1709.66	41.94	1708.78	36.29	1712.97	38.08	1712.58	31.45	1720.21
12/15/98	38.60	1710.89	41.67	1709.05	36.12	1713.14	33.77	1716.89	31.21	1720.45
2/4/99	37.50	1711.99	41.73	1708.99	37.10	1712.16	40.72	1709.94	29.62	1722.04
3/24/99	39.25	1710.24	41.70	1709.02	39.20	1710.06	30.20	1720.46	30.00	1721.66
5/4/99	39.31	1710.18	37.45	1713.27	37.10	1712.16	30.70	1719.96	29.83	1721.83
8/9/99	32.00	1717.49	41.90	1708.82	37.04	1712.22	31.80	1718.86	31.49	1720.17
11/8/99	38.77	1710.72	41.75	1708.97	34.00	1715.26	33.00	1717.66	36.47	1715.19
1/31/00	37.31	1712.18	41.74	1708.98	33.90	1715.36	32.60	1718.06	35.78	1715.88
5/1/00	39.68	1709.81	40.25	1710.47	34.24	1715.02	32.58	1718.08	31.83	1719.83
9/18/00	40.08	1709.41	41.71	1709.01	38.50	1710.76	35.14	1715.52		
11/13/00	39.75	1709.74	41.25	1709.47	38.28	1710.98	36.57	1714.09		
2/1/01	39.87	1709.62	41.10	1709.62	35.09	1714.17	36.26	1714.40		
5/1/01	39.25	1710.24	33.55	1717.17	41.60	1707.66	37.25	1713.41		
9/1/01	40.80	1708.69	42.52	1708.20	38.00	1711.26	31.00	1719.66		
11/1/01	32.55	1716.94	39.20	1711.52	33.00	1716.26	32.60	1718.06		
3/1/02	34.88	1714.61	37.24	1713.48	32.42	1716.84	30.98	1719.68		
5/1/02	28.82	1720.67	36.48	1714.24	31.00	1718.26	31.31	1719.35	34.00	1717.66
9/9/02	31.44	1720.26	33.40	1719.50	29.57	1721.88	30.50	1722.30	30.38	1721.28
12/9/02	30.19	1721.51	34.09	1718.81	30.02	1721.43	30.41	1722.39	29.73	1721.93
1/20/03	30.50	1721.20			30.80	1720.65	30.82	1721.98	27.96	1723.70
5/5/03	32.47	1719.23	34.90	1718.00	30.75	1720.70	29.95	1722.85	28.89	1722.77
7/9/03	29.14	1722.56	31.18	1721.72	29.24	1722.21	28.88	1723.92	28.23	1723.43
8/13/03	35.80	1715.90	34.40	1718.50	30.30	1721.15	30.60	1722.20	29.50	1722.16
9/8/03	28.72	1722.98	33.12	1719.78	30.10	1721.35	29.83	1722.97	29.23	1722.43
10/14/03	35.99	1715.71	36.23	1716.67	31.20	1720.25	31.09	1721.71	29.97	1721.69
11/12/03	36.11	1715.59	36.47	1716.43	31.64	1719.81	31.66	1721.14	30.48	1721.18
12/8/03	36.04	1715.66	36.97	1715.93	31.99	1719.46	31.29	1721.51	33.93	1717.73
1/9/04	35.65	1716.05	37.71	1715.19	32.40	1719.05	36.88	1715.92	41.91	1709.75
2/4/04	35.24	1716.46	38.09	1714.81	32.68	1718.77	36.15	1716.65	36.44	1715.22
3/15/04	34.59	1717.11	38.02	1714.88	32.91	1718.54	35.76	1717.04	39.27	1712.39
4/1/04	32.09	1719.61	34.76	1718.14	31.55	1719.90	34.11	1718.69	39.14	1712.52
5/3/04	35.60	1716.10	34.90	1718.00	31.06	1720.39	32.61	1720.19	42.39	1709.27
6/10/04	32.91	1718.79	33.76	1719.14	30.91	1720.54	32.81	1719.99	34.43	1717.23
7/12/04	35.89	1715.81	35.21	1717.69	31.51	1719.94	36.53	1716.27	42.33	1709.33
8/4/04	34.62	1717.08	31.73	1721.17	31.41	1720.04	33.42	1719.38	40.43	1711.23
9/7/04	34.18	1717.52	37.1	1715.80	32.23	1719.22	38.68	1714.12	41.89	1709.77
10/12/04	34.29	1717.41	37.38	1715.52	32.49	1718.96	36.84	1715.96	42.23	1709.43
11/10/04	33.58	1718.12	35.31	1717.59	31.44	1720.01	37.6	1715.20	37.43	1714.23
12/6/04	35.45	1716.25	34.63	1718.27	30.81	1720.64	37.93	1714.87	42.24	1709.42
1/8/05	29.03	1722.67	33.44	1719.46	30.19	1721.26	31.21	1721.59	30.81	1720.85
2/1/05	27.62	1724.08	32.45	1720.45	29.71	1721.74	31.34	1721.46	31.18	1720.48
3/10/05	27.62	1724.08	30.72	1722.18	28.93	1722.52	31.48	1721.32	30.81	1720.85
4/11/05	26.89	1724.81	29.73	1723.17	28.30	1723.15	31.61	1721.19	30.91	1720.75
5/3/05	26.58	1725.12	29.54	1723.36	28.07	1723.38	31.58	1721.22	30.89	1720.77
6/15/05	27.24	1724.46	29.59	1723.31	27.76	1723.69	30.72	1722.08	29.91	1721.75
7/15/05	27.08	1724.62	30.09	1722.81	28.29	1723.16	31.06	1721.74	30.33	1721.33
8/2/05	27.68	1724.02	29.95	1722.95	27.93	1723.52	31.19	1721.61	30.31	1721.35
9/13/05	28.86	1722.84	30.38	1722.52	28.29	1723.16	31.08	1721.72	30.21	1721.45

Appendix A
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected On-Site Wells

TOC-->	I-Q		I-R		I-S		I-T		I-U	
	1753.11		1751.35		1750.03		1751.65		1752.16	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
4/27/98										
9/14/98	40.95	1712.16								
12/15/98	40.14	1712.97								
2/4/99	38.30	1714.81								
3/24/99	38.00	1715.11								
5/4/99	37.24	1715.87	31.22	1720.13	43.12	1706.91	40.00	1711.65	39.20	1712.96
8/9/99	36.58	1716.53	32.26	1719.09	35.95	1714.08	30.37	1721.28	31.16	1721.00
11/8/99	39.33	1713.78	33.35	1718.00	39.91	1710.12	42.00	1709.65	41.80	1710.36
1/31/00	39.15	1713.96	35.37	1715.98	41.63	1708.40	27.80	1723.85	38.42	1713.74
5/1/00			34.74	1716.61	38.78	1711.25	41.58	1710.07	37.30	1714.86
9/18/00	38.07	1715.04	37.73	1713.62	42.94	1707.09	40.89	1710.76	40.16	1712.00
11/13/00	37.35	1715.76	36.80	1714.55	41.90	1708.13	40.83	1710.82	40.30	1711.86
2/1/01	36.21	1716.90	36.99	1714.36	42.77	1707.26	42.82	1708.83	43.80	1708.36
5/1/01	36.53	1716.58	36.18	1715.17	29.50	1720.53	41.82	1709.83	43.10	1709.06
9/1/01	38.10	1715.01	38.10	1713.25	43.80	1706.23	40.35	1711.30		
11/1/01	37.90	1715.21	33.70	1717.65	36.75	1713.28	41.90	1709.75	36.00	1716.16
3/1/02	39.62	1713.49	35.38	1715.97	27.32	1722.71	41.40	1710.25	35.78	1716.38
5/1/02	38.15	1714.96	28.50	1722.85	28.50	1721.53	38.28	1713.37	32.70	1719.46
9/9/02	36.94	1716.17	29.75	1721.60	43.54	1706.49	39.38	1712.27	36.14	1716.02
12/9/02	37.13	1715.98	29.95	1721.40	43.48	1706.55	40.99	1710.66	33.44	1718.72
1/20/03	35.39	1717.72	32.68	1718.67	43.25	1706.78	38.51	1713.14	34.55	1717.61
5/5/03	39.44	1713.67	34.48	1716.87	42.75	1707.28	39.80	1711.85	42.33	1709.83
7/9/03	29.84	1723.27	28.97	1722.38	27.78	1722.25	29.25	1722.40	29.31	1722.85
8/13/03	35.00	1718.11	36.6	1714.75	42.10	1707.93	41.80	1709.85	39.80	1712.36
9/8/03	34.63	1718.48	29.14	1722.21	27.25	1722.78	39.84	1711.81	42.65	1709.51
10/14/03	36.7	1716.41	34.95	1716.40	43.23	1706.80	41.85	1709.80	42.63	1709.53
11/12/03	38.13	1714.98	40.19	1711.16	43.31	1706.72	43.72	1707.93	43.36	1708.80
12/8/03	38.07	1715.04	37.02	1714.33	43.32	1706.71	34.34	1717.31	42.71	1709.45
1/9/04	39.01	1714.1	37.08	1714.27	43.34	1706.69	42.93	1708.72	42.74	1709.42
2/4/04	34.73	1718.38	37.20	1714.15	43.34	1706.69	42.93	1708.72		
3/15/04	34.17	1718.94	36.79	1714.56	41.48	1708.55	42.51	1709.14	42.51	1709.65
4/1/04	34.44	1718.67	33.66	1717.69	28.16	1721.87	40.68	1710.97	43.43	1708.73
5/3/04	34.31	1718.80	34.07	1717.28	28.34	1721.69	41.57	1710.08	30.18	1721.98
6/10/04	37.69	1715.42	34.37	1716.98	29.24	1720.79	40.73	1710.92	29.94	1722.22
7/12/04	31.77	1721.34	38.69	1712.66	43.26	1706.77	43.47	1708.18	43.51	1708.65
8/4/04	37.09	1716.02	35.64	1715.71	40.47	1709.56	31.11	1720.54	42.91	1709.25
9/7/04	40.51	1712.60	37.01	1714.34	43.09	1706.94	73.71	1677.94	40.87	1711.29
10/12/04	40.4	1712.71	37.01	1714.34	43.15	1706.88	35.57	1716.08	37.87	1714.29
11/10/04	39.23	1713.88	37.08	1714.27	43.13	1706.90	39.56	1712.09	38.22	1713.94
12/6/04	34.32	1718.79	37.03	1714.32	43.11	1706.92	32.92	1718.73	35.01	1717.15
1/8/05	32.21	1720.90	36.47	1714.88	27.81	1722.22	38.56	1713.09	31.08	1721.08
2/1/05	32.26	1720.85	35.11	1716.24	27.21	1722.82	41.05	1710.60	36.62	1715.54
3/10/05	29.48	1723.63	30.51	1720.84	26.12	1723.91	32.56	1719.09	32.37	1719.79
4/11/05	29.23	1723.88	29.69	1721.66	25.46	1724.57	36.37	1715.28	33.01	1719.15
5/3/05	27.15	1725.96	29.53	1721.82	24.74	1725.29	35.94	1715.71	32.64	1719.52
6/15/05	30.69	1722.42	32.29	1719.06	25.71	1724.32	30.76	1720.89	31.31	1720.85
7/15/05	29.53	1723.58	32.05	1719.30	25.61	1724.42	32.02	1719.63	29.86	1722.30
8/2/05	29.35	1723.76	31.81	1719.54	24.42	1725.61	31.92	1719.73	31.18	1720.98
9/13/05	29.02	1724.09	32.83	1718.52	26.47	1723.56	42.63	1709.02	37.61	1714.55

Appendix A
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected On-Site Wells

TOC--->	I-V 1752.13		I-Z 1743.78		I-AR 1758.35		M-14/14A 1759.83		M-18 1740.48	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
	4/27/98							33.44	1725.39	21.60	1716.68
9/14/98							34.38	1724.45	21.55	1716.73
12/15/98							32.88	1725.95	20.44	1717.84
2/4/99							32.76	1726.07	20.81	1717.47
3/24/99							32.20	1726.63	21.35	1716.93
5/4/99	40.19	1711.94					32.34	1726.49	21.74	1716.54
8/9/99	38.33	1713.80					34.12	1724.71	22.50	1715.78
11/8/99	40.50	1711.63					34.45	1724.38	23.00	1715.28
1/31/00	31.30	1720.83					34.17	1724.66	23.51	1714.77
5/1/00	39.48	1712.65					33.95	1724.88	23.86	1714.42
9/18/00	40.53	1711.60			43.95	1714.40	34.12	1724.71	24.57	1713.71
11/13/00	42.39	1709.74			43.03	1715.32	32.78	1726.05	24.80	1713.48
2/1/01	32.90	1719.23			43.90	1714.45	33.80	1725.03	26.62	1711.66
5/1/01	36.60	1715.53					33.73	1725.10	24.99	1713.29
9/1/01	43.40	1708.73					34.24	1724.59		dry
11/1/01	33.00	1719.13			33.78	1724.57	34.23	1724.60		dry
3/1/02	27.27	1724.86			43.49	1714.86	33.40	1725.43		dry
5/1/02	29.98	1722.15			43.90	1714.45	33.42	1725.41		dry
9/9/02	29.46	1722.67			40.00	1718.35	31.92	1727.91		dry
12/9/02	28.51	1723.62			40.15	1718.20	32.92	1726.91		dry
1/20/03	28.72	1723.41			40.91	1717.44	33.78	1726.05	28.21	1710.07
5/5/03	28.10	1724.03			41.98	1716.37	33.75	1726.08	28.92	1709.36
7/9/03	28.08	1724.05			43.82	1714.53	P&A			DRY
8/13/03	28.90	1723.23			52.00	1706.35				DRY
9/8/03	28.55	1723.58			43.92	1714.43				DRY
10/14/03	29.37	1722.76			43.83	1714.52			28.63	1709.65
11/12/03	30.10	1722.03	26.27	1717.51	43.90	1714.45				DRY
12/8/03	31.35	1720.78	30.10	1713.68	43.93	1714.42			28.38	1709.90
1/9/04	31.56	1720.57	29.97	1713.81	43.95	1714.4			28.95	1709.33
2/4/04	31.45	1720.68	29.86	1713.92	43.93	1714.42			29.04	1709.24
3/15/04	31.59	1720.54	29.71	1714.07	43.98	1714.37			28.88	1709.40
4/1/04	31.41	1720.72	28.28	1715.50	43.93	1714.42			29.02	1709.26
5/3/04	31.31	1720.82	29.95	1713.83	43.84	1714.51			29.03	1709.25
6/10/04	30.88	1721.25	22.16	1721.62	43.89	1714.46			29.15	1709.13
7/12/04	31.71	1720.42	32.58	1711.20	44.01	1714.34			29.04	1709.24
8/4/04	31.41	1720.72	32.74	1711.04	43.44	1714.91			29.08	1709.20
9/7/04	31.51	1720.62	32.79	1710.99	30.04	1728.31			28.97	1709.31
10/12/04	31.68	1720.45	32.87	1710.91	42.97	1715.38			29.02	1709.26
11/10/04	31.72	1720.41	33.38	1710.40	42.97	1715.38			29.06	1709.22
12/6/04	31.38	1720.75	34.02	1709.76	41.68	1716.67			28.66	1709.62
1/8/05	29.91	1722.22	29.75	1714.03	29.91	1728.44			28.11	1710.17
2/1/05	30.18	1721.95	32.93	1710.85	27.81	1730.54	31.64	1728.19	28.08	1710.20
3/10/05	29.76	1722.37	32.76	1711.02	41.24	1717.11	31.13	1728.7	27.93	1710.35
4/11/05	29.93	1722.20	31.56	1712.22	28.81	1729.54	31.11	1728.72	27.91	1710.37
5/3/05	29.91	1722.22	32.94	1710.84	27.87	1730.48	31.14	1728.69	28.09	1710.19
6/15/05	29.02	1723.11	25.86	1717.92	27.41	1730.94	31.34	1728.49	28.04	1710.24
7/15/05	29.63	1722.50	32.84	1710.94	27.34	1731.01	31.53	1728.3	28.11	1710.17
8/2/05	29.68	1722.45	34.01	1709.77	27.62	1730.73	31.62	1728.21	27.98	1710.30
9/13/05	29.26	1722.87	26.51	1717.27	26.74	1731.61	31.64	1728.19	27.68	1710.60

Appendix A
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected On-Site Wells

TOC--->	M-19 1766.77		M-22A 1759.46		M-25 1759.93		M-27 1742.25		M-36 1759.82	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
4/27/98	32.40	1733.86	29.00	1728.76	33.05	1724.77	DRY		31.31	1726.63
9/14/98	32.17	1734.09	28.60	1729.16	33.72	1724.10	DRY		31.82	1726.12
12/15/98	32.18	1734.08	29.10	1728.66	33.41	1724.41	26.00	1714.16	31.67	1726.27
2/4/99	32.69	1733.57	29.00	1728.76	33.35	1724.47	DRY		31.47	1726.47
3/24/99	33.00	1733.26	29.00	1728.76	33.40	1724.42	26.00	1716.25	31.60	1726.34
5/4/99	33.03	1733.23	29.26	1728.50	33.33	1724.49	DRY		31.48	1726.46
8/9/99	33.79	1732.47	29.90	1727.86	33.76	1724.06	DRY		32.09	1725.85
11/8/99	33.80	1732.46	30.31	1727.45	34.00	1723.82	DRY		32.42	1725.52
1/31/00	34.40	1731.86	30.29	1727.47	33.70	1724.12	DRY		32.30	1725.64
5/1/00	34.50	1731.76	30.36	1727.40	33.53	1724.29	DRY		32.29	1725.65
9/18/00	35.24	1731.02	30.91	1726.85	34.11	1723.71	DRY		32.79	1725.15
11/13/00	33.97	1732.29	30.95	1726.81	33.95	1723.87	DRY		32.70	1725.24
2/1/01	34.93	1731.33	30.92	1726.84	33.93	1723.89	DRY		33.73	1724.21
5/1/01	35.06	1731.20	30.73	1727.03	33.58	1724.24	DRY		32.47	1725.47
9/1/01	35.33	1730.93	30.77	1726.99	33.77	1724.05	DRY		32.43	1725.51
11/1/01	35.00	1731.26	30.00	1727.76	33.42	1724.40	DRY		31.95	1725.99
3/1/02	34.00	1732.26	29.56	1728.20	33.20	1724.62	DRY		31.78	1726.16
5/1/02	34.02	1732.24	29.18	1728.58	32.82	1725.00	DRY		31.35	1726.59
9/9/02	34.22	1732.55	29.08	1730.38	32.30	1727.63	23.25	1719.00	31.22	1728.60
12/9/02	35.73	1731.04	29.23	1730.23	33.07	1726.86	23.72	1718.53	31.47	1728.35
1/20/03	35.27	1731.50	29.25	1730.21	33.27	1726.66	23.71	1718.54	31.59	1728.23
5/5/03	35.10	1731.67	29.36	1730.10	33.23	1726.70	DRY		31.61	1728.21
7/9/03	35.89	1730.88	29.49	1729.97	33.36	1726.57	DRY		31.76	1728.06
8/13/03	34.80	1731.97	29.60	1729.86	33.35	1726.58	DRY		31.8	1728.02
9/8/03	34.18	1732.59	29.56	1729.9	33.34	1726.59	DRY		31.75	1728.07
10/14/03	34.89	1731.88	29.74	1729.72	33.63	1726.30	DRY		31.97	1727.85
11/12/03	34.98	1731.79	29.97	1729.49	33.76	1726.17	DRY		32.13	1727.69
12/8/03	35.17	1731.6	30.37	1729.09	33.84	1726.09	DRY		32.35	1727.47
1/9/04	35.41	1731.36	30.62	1728.84	33.91	1726.02	DRY			
2/4/04	35.44	1731.33	30.77	1728.69	33.96	1725.97	DRY		32.63	1727.19
3/15/04	35.36	1731.41	30.67	1728.79	33.82	1726.11	DRY		32.56	1727.26
4/1/04	35.23	1731.54	30.42	1729.04	33.12	1726.81	DRY		32.23	1727.59
5/3/04	34.91	1731.86	30.15	1729.31	32.73	1727.20	DRY		30.77	1729.05
6/10/04	35.09	1731.68	30.19	1729.27	33.11	1726.82	DRY		31.99	1727.83
7/12/04	35.39	1731.38	30.51	1728.95	33.46	1726.47	DRY		32.23	1727.59
8/4/04	35.51	1731.26	30.53	1728.93	33.48	1726.45	DRY		32.28	1727.54
9/7/04	34.82	1731.95	30.51	1728.95	33.74	1726.19	DRY		32.41	1727.41
10/12/04	35.32	1731.45	30.54	1728.92	32.97	1726.96	DRY		32.34	1727.48
11/10/04	35.23	1731.54	30.47	1728.99	32.45	1727.48	DRY		32.09	1727.73
12/6/04	34.07	1732.70	30.01	1729.45	32.63	1727.30	DRY		31.81	1728.01
1/8/05	33.47	1733.30	29.44	1730.02	32.18	1727.75	DRY		31.29	1728.53
2/1/05	33.32	1733.45	29.26	1730.20	31.93	1728.00	DRY		31.24	1728.58
3/10/05	32.92	1733.85	28.84	1730.62	31.32	1728.61	DRY		30.91	1728.91
4/11/05	32.91	1733.86	28.89	1730.57	30.91	1729.02	DRY		30.84	1728.98
5/3/05	33.08	1733.69	28.92	1730.54	30.77	1729.16	DRY		30.81	1729.01
6/15/05	32.91	1733.86	28.79	1730.67	30.71	1729.22	DRY		30.67	1729.15
7/15/05	33.06	1733.71	28.99	1730.47	30.86	1729.07	DRY		30.88	1728.94
8/2/05	31.24	1735.53	29.04	1730.42	30.24	1729.69	DRY		30.97	1728.85
9/13/05	33.16	1733.61	29.04	1730.42	31.28	1728.65	DRY		31.07	1728.75

Appendix A
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected On-Site Wells

TOC--->	M-37 1761.06		M-38 1759.73		M-39 1761.13		M-61 1746.84		M-64 1749.76	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW		DTW	ELEV
4/27/98	31.41	1727.87	30.74	1727.20	30.06	1729.25	23.49	1722.06	29.47	1720.29
9/14/98	32.04	1727.24	31.21	1726.73	30.63	1728.68	23.22	1722.33	30.40	1719.36
12/15/98	31.42	1727.86	31.05	1726.89	29.28	1730.03	23.55	1722.00	30.15	1719.61
2/4/99	31.43	1727.85	30.94	1727.00	30.02	1729.29	22.40	1723.15	30.10	1719.66
3/24/99	31.60	1727.68	31.00	1726.94	30.38	1728.93	23.33	1722.22	30.40	1719.36
5/4/99	31.43	1727.85	30.90	1727.04	30.59	1728.72	23.70	1721.85	30.55	1719.21
8/9/99	32.11	1727.17	31.31	1726.63	31.12	1728.19	24.20	1721.35	30.82	1718.94
11/8/99	32.51	1726.77	31.48	1726.46	31.60	1727.71	24.85	1720.70	32.03	1717.73
1/31/00	32.09	1727.19	31.31	1726.63	31.58	1727.73	24.99	1720.56	30.81	1718.95
5/1/00	31.55	1727.73	31.30	1726.64	31.70	1727.61	25.11	1720.44	30.35	1719.41
9/18/00	32.29	1726.99	31.91	1726.03	32.26	1727.05	25.20	1720.35	31.90	1717.86
11/13/00	33.00	1726.28	31.40	1726.54	32.22	1727.09	25.10	1720.45	31.80	1717.96
2/1/01	34.09	1725.19	31.42	1726.52	32.23	1727.08	27.23	1718.32	32.87	1716.89
5/1/01	32.62	1726.66	31.17	1726.77	32.10	1727.21	25.82	1719.73	30.43	1719.33
9/1/01	32.04	1727.24	31.38	1726.56	31.96	1727.35	24.60	1720.95	32.22	1717.54
11/1/01	32.10	1727.18	31.32	1726.62	31.54	1727.77	23.12	1722.43	30.31	1719.45
3/1/02	32.10	1727.18	31.10	1726.84	31.10	1728.21	23.15	1722.40	28.88	1720.88
5/1/02	31.51	1727.77	30.81	1727.13	30.60	1728.71	21.31	1724.24	28.60	1721.16
9/9/02	30.94	1730.12	32.75	1726.98	30.62	1730.51	22.20	1724.64	27.85	1721.91
12/9/02	32.04	1729.02	31.01	1728.72	30.72	1730.41	21.95	1724.89	28.67	1721.09
1/20/03	33.23	1727.83	31.05	1728.68	30.66	1730.47	23.18	1723.66	28.82	1720.94
5/5/03	32.90	1728.16	31.07	1728.66	30.80	1730.33	22.32	1724.52	28.81	1720.95
7/9/03	32.41	1728.65	31.11	1728.62	30.99	1730.14	22.08	1724.76	29.17	1720.59
8/13/03	32.3	1728.76	21.1	1738.63	21.13	1740.00	22.63	1724.21	29.50	1720.26
9/8/03	32.68	1728.38	31.17	1728.56	31.08	1730.05	22.63	1724.21	28.91	1720.85
10/14/03	33.76	1727.3	31.25	1728.48	31.22	1729.91	22.89	1723.95	29.37	1720.39
11/12/03	34.13	1726.93	31.36	1728.37	31.42	1729.71	23.47	1723.37	29.51	1720.25
12/8/03	34.31	1726.75	31.43	1728.3	31.83	1729.3	24.11	1722.73	29.64	1720.12
1/9/04	34.03	1727.03	31.51	1728.22	32.06	1729.07			29.76	1720.00
2/4/04	34.03	1727.03	31.54	1728.19	32.18	1728.95	24.27	1722.57	29.85	1719.91
3/15/04	34.31	1726.75	31.41	1728.32	31.99	1729.14	24.18	1722.66	29.81	1719.95
4/1/04	32.28	1728.78	30.91	1728.82	31.81	1729.32	24.05	1722.79	29.10	1720.66
5/3/04	31.59	1729.47	30.77	1728.96	31.65	1729.48	24.13	1722.71	28.57	1721.19
6/10/04	32.37	1728.69	31.08	1728.65	31.68	1729.45	23.86	1722.98	28.72	1721.04
7/12/04	32.81	1728.25	31.28	1728.45	32.04	1729.09	24.34	1722.50	29.22	1720.54
8/4/04	32.09	1728.97	31.25	1728.48	32.06	1729.07	24.09	1722.75	29.42	1720.34
9/7/04	32.31	1728.75	31.39	1728.34	31.84	1729.29	24.19	1722.65	29.54	1720.22
10/12/04	31.61	1729.45	30.08	1729.65	32.05	1729.08	24.31	1722.53	29.61	1720.15
11/10/04	30.79	1730.27	30.84	1728.89	32.02	1729.11	24.37	1722.47	28.83	1720.93
12/6/04	31.31	1729.75	30.79	1728.94	31.35	1729.78	23.99	1722.85	28.73	1721.03
1/8/05	30.48	1730.58	30.47	1729.26	30.69	1730.44	23.09	1723.75	28.19	1721.57
2/1/05	30.6	1730.46	30.41	1729.32	30.51	1730.62	23.04	1723.80	27.68	1722.08
3/10/05	30.35	1730.71	29.99	1729.74	30.19	1730.94	22.77	1724.07	26.84	1722.92
4/11/05	30.08	1730.98	29.87	1729.86	30.22	1730.91	22.92	1723.92	25.56	1724.20
5/3/05	30.02	1731.04	29.84	1729.89	30.25	1730.88	23.04	1723.80	25.83	1723.93
6/15/05	29.96	1731.10	29.82	1729.91	30.21	1730.92	23.06	1723.78	25.49	1724.27
7/15/05	29.99	1731.07	30.04	1729.69	30.33	1730.80	23.14	1723.70	25.81	1723.95
8/2/05	29.99	1731.07	30.11	1729.62	30.39	1730.74	23.15	1723.69	25.98	1723.78
9/13/05	30.22	1730.84	30.32	1729.41	30.37	1730.76	22.49	1724.35	26.48	1723.28

Appendix A
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected On-Site Wells

TOC--->	M-65 1753.91		M-66 1754.24		M-67 1745.91		M-68 1748.73		M-69 1749.76	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
4/27/98	32.35	1720.53	30.12	1722.21	20.80	1724.18	22.67	1724.77	29.32	1719.45
9/14/98	32.69	1720.19	30.42	1721.91	20.79	1724.19	22.40	1725.04	30.58	1718.19
12/15/98	32.60	1720.28	30.55	1721.78	21.00	1723.98	22.20	1725.24	30.18	1718.59
2/4/99	32.35	1720.53	29.58	1722.75	20.10	1724.88	21.60	1725.84	30.00	1718.77
3/24/99	32.53	1720.35	29.90	1722.43	20.54	1724.44	22.90	1724.54	30.50	1718.27
5/4/99	32.64	1720.24	30.35	1721.98	20.90	1724.08	23.18	1724.26	31.14	1717.63
8/9/99	32.90	1719.98	30.89	1721.44	21.42	1723.56	23.60	1723.84	31.52	1717.25
11/8/99	33.00	1719.88	31.45	1720.88	22.04	1722.94	24.29	1723.15	31.92	1716.85
1/31/00	32.95	1719.93	31.47	1720.86	22.03	1722.95	24.01	1723.43	32.00	1716.77
5/1/00	32.87	1720.01	31.60	1720.73	22.24	1722.74	24.52	1722.92	31.31	1717.46
9/18/00	33.10	1719.78	31.80	1720.53	22.41	1722.57	24.86	1722.58	32.20	1716.57
11/13/00	33.05	1719.83	31.85	1720.48	22.40	1722.58	24.68	1722.76	32.10	1716.67
2/1/01	34.61	1718.27	31.89	1720.44			26.29	1721.15	31.99	1716.78
5/1/01	33.22	1719.66	32.10	1720.23	22.75	1722.23	25.75	1721.69	31.30	1717.47
9/1/01	33.93	1718.95	31.57	1720.76	21.77	1723.21	25.49	1721.95	33.50	1715.27
11/1/01	31.91	1720.97	29.86	1722.47	20.38	1724.60	24.14	1723.30	33.42	1715.35
3/1/02	31.32	1721.56	29.20	1723.13	19.99	1724.99	24.00	1723.44	33.03	1715.74
5/1/02	30.48	1722.40	29.29	1723.04	19.70	1725.28	24.92	1722.52	33.28	1715.49
9/9/02	29.53	1724.38	28.80	1725.44	19.43	1726.48	23.26	1725.47	31.96	1717.80
12/9/02	30.04	1723.87	28.92	1725.32	19.45	1726.46	23.12	1725.61	32.12	1717.64
1/20/03	31.62	1722.29	29.09	1725.15			24.85	1723.88	32.42	1717.34
5/5/03	30.35	1723.56	28.76	1725.48	19.48	1726.43	23.48	1725.25	32.00	1717.76
7/9/03	30.81	1723.10	29.28	1724.96	19.80	1726.11	23.41	1725.32	32.30	1717.46
8/13/03	31.80	1722.11	29.32	1724.92	19.80	1726.11	25.80	1722.93	33.38	1716.38
9/8/03	30.48	1723.43	29.18	1725.06	19.88	1726.03	23.74	1724.99	33.15	1716.61
10/14/03	31.10	1722.81	29.65	1724.59	20.10	1725.81	23.92	1724.81	32.91	1716.85
11/12/03	31.37	1722.54	30.04	1724.20	20.99	1724.92	24.22	1724.51	31.04	1718.72
12/8/03	31.69	1722.22	30.86	1723.38	21.64	1724.27	24.67	1724.06	30.70	1719.06
1/9/04	31.97	1721.94	31.11	1723.13	21.83	1724.08	24.86	1723.87	30.98	1718.78
2/4/04	32.44	1721.47	31.22	1723.02	21.94	1723.97	24.86	1723.87	31.04	1718.72
3/15/04	32.28	1721.63	31.22	1723.02	21.84	1724.07	24.62	1724.11	31.52	1718.24
4/1/04	31.54	1722.37	31.01	1723.23	21.96	1723.95	24.62	1724.11	31.81	1717.95
5/3/04	30.76	1723.15	30.78	1723.46	21.67	1724.24	24.67	1724.06	31.71	1718.05
6/10/04	30.72	1723.19	30.73	1723.51	21.31	1724.60	34.57	1714.16	30.78	1718.98
7/12/04	31.19	1722.72	31.09	1723.15	21.98	1723.93	24.98	1723.75	31.44	1718.32
8/4/04	31.37	1722.54	31.04	1723.20	21.76	1724.15	25.63	1723.10	31.99	1717.77
9/7/04	31.77	1722.14	31.02	1723.22	21.82	1724.09	24.71	1724.02	32.04	1717.72
10/12/04	32.11	1721.80	31.14	1723.10			24.92	1723.81	32.26	1717.50
11/10/04	31.22	1722.69	31.13	1723.11	21.97	1723.94	24.88	1723.85	32.17	1717.59
12/6/04	30.59	1723.32	30.74	1723.50	21.56	1724.35	24.37	1724.36	32.02	1717.74
1/8/05	29.95	1723.96	29.32	1724.92	20.81	1725.10	23.13	1725.60	31.54	1718.22
2/1/05	30.78	1723.13	29.64	1724.60	20.71	1725.20	23.29	1725.44	31.11	1718.65
3/10/05	28.94	1724.97	29.31	1724.93	20.37	1725.54	22.96	1725.77	30.76	1719.00
4/11/05	28.32	1725.59	29.39	1724.85	20.52	1725.39	23.17	1725.56	30.46	1719.30
5/3/05	28.13	1725.78	29.34	1724.90	20.53	1725.38	23.29	1725.44	30.41	1719.35
6/15/05	27.72	1726.19	28.74	1725.50	20.29	1725.62	23.42	1725.31	30.12	1719.64
7/15/05	27.94	1725.97	29.12	1725.12	20.51	1725.40	23.38	1725.35	30.03	1719.73
8/2/05	28.02	1725.89	29.19	1725.05	20.56	1725.35	22.57	1726.16	29.96	1719.80
9/13/05	28.33	1725.58	29.15	1725.09	20.17	1725.74	23.12	1725.61	29.84	1719.92

Appendix A
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected On-Site Wells

TOC--->	M-70 1748.25		M-71 1747.05		M-72 1746.5		M-73 1741.15		M-74 1744.38	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
4/27/98	27.84	1719.12	29.46	1716.42	27.22	1718.07	20.46	1719.59	22.80	1720.62
9/14/98	29.32	1717.64	29.40	1716.48	25.99	1719.30	20.27	1719.78	22.38	1721.04
12/15/98	29.15	1717.81	28.29	1717.59	25.74	1719.55	19.74	1720.31	22.80	1720.62
2/4/99	29.65	1717.31	29.40	1716.48	25.32	1719.97	19.64	1720.41	20.00	1723.42
3/24/99	30.40	1716.56	30.00	1715.88	25.58	1719.71	19.84	1720.21	22.65	1720.77
5/4/99	30.91	1716.05	30.78	1715.10	26.22	1719.07	20.44	1719.61	23.02	1720.40
8/9/99	31.00	1715.96	30.97	1714.91	27.22	1718.07	21.21	1718.84	23.58	1719.84
11/8/99	31.14	1715.82	31.55	1714.33	27.78	1717.51	21.58	1718.47	24.20	1719.22
1/31/00	31.10	1715.86	31.63	1714.25	28.30	1716.99	22.03	1718.02	24.34	1719.08
5/1/00	30.87	1716.09	31.07	1714.81	28.37	1716.92	22.17	1717.88	24.77	1718.65
9/18/00	31.65	1715.31	32.14	1713.74	28.91	1716.38	22.84	1717.21	24.55	1718.87
11/13/00	31.60	1715.36	31.90	1713.98	28.99	1716.30	22.98	1717.07	24.70	1718.72
2/1/01	32.40	1714.56	32.16	1713.72	29.17	1716.12	23.07	1716.98	26.65	1716.77
5/1/01	30.22	1716.74	31.97	1713.91	29.03	1716.26	23.03	1717.02	25.72	1717.70
9/1/01	31.78	1715.18	32.92	1712.96	29.33	1715.96	26.60	1713.45		
11/1/01	33.55	1713.41	32.40	1713.48	30.39	1714.90	28.53	1711.52	28.59	1714.83
3/1/02	32.55	1714.41	29.10	1716.78	30.30	1714.99	28.75	1711.30	27.98	1715.44
5/1/02	33.95	1713.01	30.31	1715.57	31.65	1713.64	28.80	1711.25	27.57	1715.85
9/9/02	30.05	1718.20	26.34	1720.71	29.76	1716.74	28.57	1712.58	27.41	1716.97
12/9/02	30.30	1717.95	26.91	1720.14	29.84	1716.66	28.44	1712.71	27.35	1717.03
1/20/03	29.70	1718.55	27.32	1719.73	30.78	1715.72	29.51	1711.64	28.55	1715.83
5/5/03	30.30	1717.95	28.18	1718.87	30.07	1716.43	29.95	1711.20	28.10	1716.28
7/9/03	30.32	1717.93	27.45	1719.60	30.90	1715.60	29.65	1711.50	28.82	1715.56
8/13/03	30.20	1718.05	27.00	1720.05	29.42	1717.08	28.30	1712.85	27.82	1716.56
9/8/03	31.1	1717.15	28.38	1718.67	29.80	1716.70	28.54	1712.61	27.87	1716.51
10/14/03	29.82	1718.43	29.22	1717.83	30.04	1716.46	28.72	1712.43	27.96	1716.42
11/12/03	27.96	1720.29	30.21	1716.84	31.24	1715.26	28.87	1712.28	28.10	1716.28
12/8/03	28.06	1720.19	29.76	1717.29	31.43	1715.07	28.91	1712.24	28.32	1716.06
1/9/04	28.63	1719.62	29.66	1717.39	29.99	1716.51	28.91	1712.24	28.48	1715.9
2/4/04	28.87	1719.38	29.33	1717.72	29.82	1716.68	28.76	1712.39	28.54	1715.84
3/15/04	29.09	1719.16	28.57	1718.48	31.24	1715.26	28.94	1712.21	28.11	1716.27
4/1/04	29.53	1718.72	29.11	1717.94	31.35	1715.15	29.03	1712.12	28.35	1716.03
5/3/04	29.31	1718.94	28.91	1718.14	31.21	1715.29	28.91	1712.24	28.49	1715.89
6/10/04	28.78	1719.47	29.45	1717.60	31.34	1715.16	28.94	1712.21	28.58	1715.80
7/12/04	28.84	1719.41	28.41	1718.64	29.77	1716.73	28.71	1712.44	28.72	1715.66
8/4/04	29.72	1718.53	29.61	1717.44	29.76	1716.74	28.54	1712.61	26.68	1717.70
9/7/04	30.66	1717.59	29.92	1717.13	29.49	1717.01	28.21	1712.94	28.52	1715.86
10/12/04	31.05	1717.20	30.23	1716.82	29.61	1716.89	28.29	1712.86	28.66	1715.72
11/10/04	30.91	1717.34	29.69	1717.36	29.51	1716.99	28.16	1712.99	28.74	1715.64
12/6/04	30.78	1717.47	29.42	1717.63	29.44	1717.06	27.92	1713.23	28.07	1716.31
1/8/05	29.98	1718.27	27.86	1719.19	27.71	1718.79	26.98	1714.17	26.99	1717.39
2/1/05	28.88	1719.37	27.13	1719.92	27.84	1718.66	26.56	1714.59	26.62	1717.76
3/10/05	29.67	1718.58	28.71	1718.34	28.95	1717.55	26.71	1714.44	26.56	1717.82
4/11/05	29.45	1718.80	28.58	1718.47	29.36	1717.14	27.41	1713.74	26.83	1717.55
5/3/05	29.73	1718.52	29.27	1717.78	29.57	1716.93	27.52	1713.63	26.92	1717.46
6/15/05	28.92	1719.33	28.46	1718.59	29.03	1717.47	26.66	1714.49	27.21	1717.17
7/15/05	28.71	1719.54	28.19	1718.86	29.04	1717.46	27.21	1713.94	27.15	1717.23
8/2/05	28.36	1719.89	27.63	1719.42	28.62	1717.88	26.92	1714.23	27.06	1717.32
9/13/05	28.03	1720.22	27.71	1719.34	28.34	1718.16	26.49	1714.66	26.91	1717.47

Appendix A
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected On-Site Wells

TOC--->	M-79 1742.54		M-80 1746.04		M-81A 1744.16		M-83 1742.36		M-84 1741.03	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
4/27/98	25.56	1717.37	28.12	1717.61	26.55	1715.53	24.35	1716.48	24.22	1715.41
9/14/98	25.10	1717.83	31.00	1714.73	25.60	1716.48	26.57	1714.26	25.05	1714.58
12/15/98	25.25	1717.68	31.00	1714.73	25.40	1716.68	25.72	1715.11	24.66	1714.97
2/4/99	26.85	1716.08	31.14	1714.59	24.60	1717.48	26.46	1714.37	25.10	1714.53
3/24/99	27.72	1715.21	31.95	1713.78	25.98	1716.10	27.20	1713.63	25.90	1713.73
5/4/99	28.28	1714.65	32.56	1713.17	26.92	1715.16	27.89	1712.94	26.60	1713.03
8/9/99	28.68	1714.25	33.05	1712.68	27.89	1714.19	28.82	1712.01	27.23	1712.40
11/8/99	29.15	1713.78	33.40	1712.33	29.10	1712.98	29.37	1711.46	27.53	1712.10
1/31/00	29.21	1713.72	32.18	1713.55	30.19	1711.89	29.48	1711.35	28.14	1711.49
5/1/00	28.80	1714.13	33.60	1712.13	30.09	1711.99	29.18	1711.65	27.93	1711.70
9/18/00	29.15	1713.78	34.75	1710.98	31.30	1710.78	29.75	1711.08	29.34	1710.29
11/13/00	29.05	1713.88	34.80	1710.93	31.38	1710.70	29.73	1711.10	29.42	1710.21
2/1/01	29.42	1713.51	34.77	1710.96	31.79	1710.29	29.70	1711.13	29.50	1710.13
5/1/01	28.43	1714.50	33.88	1711.85	31.58	1710.50	27.78	1713.05	28.29	1711.34
9/1/01	30.86	1712.07	34.65	1711.08	32.27	1709.81	30.22	1710.61	29.18	1710.45
11/1/01	31.69	1711.24	33.60	1712.13	28.74	1713.34	28.60	1712.23	27.94	1711.69
3/1/02	30.00	1712.93	31.24	1714.49	28.96	1713.12	28.13	1712.70	25.28	1714.35
5/1/02	30.84	1712.09	32.45	1713.28	30.65	1711.43	30.02	1710.81	26.52	1713.11
9/9/02	28.78	1713.76	25.55	1720.49	26.99	1717.17	24.60	1717.76	21.54	1719.49
12/9/02	28.61	1713.93	27.79	1718.25	27.89	1716.27	25.39	1716.97	22.12	1718.91
1/20/03	26.14	1716.40	27.73	1718.31	26.33	1717.83	24.52	1717.84	22.24	1718.79
5/5/03	28.10	1714.44	29.72	1716.32	26.61	1717.55	26.23	1716.13	24.41	1716.62
7/9/03	28.52	1714.02	27.71	1718.33	26.81	1717.35	26.21	1716.15	23.81	1717.22
8/13/03	28.60	1713.94	27.50	1718.54	26.00	1718.16	26.00	1716.36	23.55	1717.48
9/8/03	29.53	1713.01	28.74	1717.30	27.28	1716.88	26.88	1715.48	24.71	1716.32
10/14/03	28.43	1714.11	28.67	1717.37	28.34	1715.82	25.78	1716.58	24.78	1716.25
11/12/03	24.33	1718.21	29.48	1716.56	29.21	1714.95	24.72	1717.64	25.42	1715.61
12/8/03	25.18	1717.36	29.17	1716.87	27.72	1716.44	24.88	1717.48	25.14	1715.89
1/9/04	26.47	1716.07	29.41	1716.63	26.72	1717.44	25.51	1716.85	25.29	1715.74
2/4/04	26.47	1716.07	28.99	1717.05	26.73	1717.43	25.28	1717.08	24.93	1716.1
3/15/04	27.58	1714.96	27.39	1718.65	28.14	1716.02	25.28	1717.08	24.12	1716.91
4/1/04	27.63	1714.91	28.44	1717.60	27.77	1716.39	25.93	1716.43	24.83	1716.20
5/3/04	27.73	1714.81	27.62	1718.42	26.96	1717.20	25.68	1716.68	24.25	1716.78
6/10/04	25.29	1717.25	28.49	1717.55	27.18	1716.98	25.48	1716.88	24.84	1716.19
7/12/04	26.82	1715.72	26.95	1719.09	25.63	1718.53	25.03	1717.33	23.67	1717.36
8/4/04	27.13	1715.41	29.05	1716.99	25.63	1718.53	26.14	1716.22	25.22	1715.81
9/7/04	27.78	1714.76	29.99	1716.05	26.69	1717.47	26.76	1715.6	25.88	1715.15
10/12/04	28.21	1714.33	30.29	1715.75	25.34	1718.82	27.37	1714.99	27.04	1713.99
11/10/04	28.26	1714.28	29.89	1716.15	24.78	1719.38	27.31	1715.05	25.94	1715.09
12/6/04	28.16	1714.38	29.68	1716.36	24.92	1719.24	27.1	1715.26	25.69	1715.34
1/8/05	27.66	1714.88	28.52	1717.52	28.52	1715.64	25.92	1716.44	24.44	1716.59
2/1/05	27.04	1715.50	27.16	1718.88	27.16	1717.00	25.26	1717.1	23.65	1717.38
3/10/05	27.32	1715.22	28.73	1717.31	28.73	1715.43	25.94	1716.42	24.84	1716.19
4/11/05	27.03	1715.51	28.39	1717.65	24.51	1719.65	26.05	1716.31	24.76	1716.27
5/3/05	27.31	1715.23	28.87	1717.17	25.33	1718.83	26.27	1716.09	25.41	1715.62
6/15/05	26.71	1715.83	28.23	1717.81	24.33	1719.83	25.44	1716.92	24.54	1716.49
7/15/05	26.64	1715.90	27.84	1718.20	24.14	1720.02	25.19	1717.17	24.21	1716.82
8/2/05	26.53	1716.01	27.38	1718.66	23.66	1720.50	24.78	1717.58	23.74	1717.29
9/13/05	26.21	1716.33	27.36	1718.68	23.74	1720.42	24.47	1717.89	23.71	1717.32

Appendix A
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected On-Site Wells

TOC--->	M-85 1741.19		M-86 1744.23		M-87 1744.13		M-88 1739.36		M-89 1766.2	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
4/27/98	26.66	1714.53	27.77	1714.96	27.63	1714.64	22.64	1715.35	32.59	1732.66
9/14/98	25.53	1715.66	26.42	1716.31	26.70	1715.57	22.78	1715.21	33.43	1731.82
12/15/98	25.80	1715.39	26.59	1716.14	26.68	1715.59	21.63	1716.36	33.13	1732.12
2/4/99	25.27	1715.92	26.70	1716.03	26.32	1715.95	22.81	1715.18	32.95	1732.30
3/24/99	26.22	1714.97	27.00	1715.73	27.13	1715.14	22.53	1715.46	33.00	1732.25
5/4/99	27.37	1713.82	27.88	1714.85	27.49	1714.78	22.87	1715.12	32.84	1732.41
8/9/99	27.49	1713.70	28.78	1713.95	28.52	1713.75	23.78	1714.21	33.51	1731.74
11/8/99	28.74	1712.45	29.92	1712.81	29.05	1713.22	24.54	1713.45	33.83	1731.42
1/31/00	29.42	1711.77	30.51	1712.22	29.65	1712.62	24.92	1713.07	33.43	1731.82
5/1/00	29.41	1711.78	30.80	1711.93	30.01	1712.26	25.25	1712.74	33.46	1731.79
9/18/00	31.14	1710.05	31.90	1710.83	30.75	1711.52	26.06	1711.93	33.93	1731.32
11/13/00	31.20	1709.99	32.03	1710.70	31.06	1711.21	26.34	1711.65	33.09	1732.16
2/1/01	31.62	1709.57	32.52	1710.21	31.40	1710.87	26.65	1711.34	33.71	1731.54
5/1/01	31.03	1710.16	32.45	1710.28	31.44	1710.83	26.77	1711.22	33.47	1731.78
9/1/01	31.62	1709.57	33.00	1709.73	32.47	1709.80	27.98	1710.01	33.89	1731.36
11/1/01	28.88	1712.31	30.25	1712.48	35.35	1706.92	30.34	1707.65	33.73	1731.52
3/1/02	26.22	1714.97	30.00	1712.73	35.29	1706.98	30.49	1707.50	33.09	1732.16
5/1/02	27.21	1713.98	31.80	1710.93	36.00	1706.27	30.70	1707.29	32.83	1732.42
9/9/02	23.01	1718.18	28.25	1715.98	34.67	1709.46	30.50	1708.86	32.92	1733.28
12/9/02	23.66	1717.53	29.96	1714.27	34.60	1709.53	30.54	1708.82	33.31	1732.89
1/20/03	23.69	1717.50	28.18	1716.05	34.24	1709.89	31.23	1708.13	33.29	1732.91
5/5/03	25.57	1715.62	28.39	1715.84	33.69	1710.44	30.41	1708.95	33.37	1732.83
7/9/03	24.50	1716.69	28.52	1715.71	34.03	1710.10	30.57	1708.79	33.46	1732.74
8/13/03	23.95	1717.24	27.80	1716.43	33.75	1710.38	30.50	1708.86	33.50	1732.70
9/8/03	25.23	1715.96	28.76	1715.47	34.12	1710.01	30.62	1708.74	33.54	1732.66
10/14/03	26.00	1715.19	29.51	1714.72	34.54	1709.59	30.73	1708.63	33.67	1732.53
11/12/03	27.33	1713.86	30.25	1713.98	34.95	1709.18	30.84	1708.52	30.77	1735.43
12/8/03	26.63	1714.56	29.31	1714.92	34.94	1709.19	30.93	1708.43	33.84	1732.36
1/9/04	26.46	1714.73	28.57	1715.66	34.23	1709.9	30.97	1708.39	33.94	1732.26
2/4/04	26.62	1714.57	28.63	1715.6	34.59	1709.54	30.89	1708.47	33.99	1732.21
3/15/04	26.18	1715.01	29.45	1714.78	34.59	1709.54	30.68	1708.68	33.77	1732.43
4/1/04	26.51	1714.68	29.33	1714.90	34.79	1709.34	31.03	1708.33	32.15	1734.05
5/3/04	26.33	1714.86	28.73	1715.50	34.33	1709.80	30.89	1708.47	32.73	1733.47
6/10/04	26.77	1714.42	28.98	1715.25	34.42	1709.71	31.04	1708.32	33.21	1732.99
7/12/04	25.91	1715.28	27.81	1716.42	33.79	1710.34	30.93	1708.43	33.57	1732.63
8/4/04	26.63	1714.56	28.06	1716.17	34.28	1709.85	30.79	1708.57	33.57	1732.63
9/7/04	27.03	1714.16	28.33	1715.90	33.06	1711.07	30.68	1708.68	33.76	1732.44
10/12/04	26.96	1714.23	27.73	1716.50	33.23	1710.9	30.68	1708.68	33.33	1732.87
11/10/04	26.64	1714.55	27.32	1716.91	32.89	1711.24	30.66	1708.70	32.96	1733.24
12/6/04	26.48	1714.71	27.34	1716.89	32.71	1711.42	30.46	1708.90	32.77	1733.43
1/8/05	24.82	1716.37	26.16	1718.07	31.19	1712.94	29.64	1709.72	32.27	1733.93
2/1/05	24.43	1716.76	25.31	1718.92	31.01	1713.12	29.15	1710.21	32.27	1733.93
3/10/05	25.96	1715.23	27.42	1716.81	31.51	1712.62	29.06	1710.30	31.84	1734.36
4/11/05	25.95	1715.24	27.09	1717.14	32.36	1711.77	29.50	1709.86	31.85	1734.35
5/3/05	26.62	1714.57	27.75	1716.48	32.59	1711.54	29.58	1709.78	31.88	1734.32
6/15/05	25.74	1715.45	26.79	1717.44	32.01	1712.12	29.41	1709.95	31.40	1734.80
7/15/05	25.52	1715.67	26.68	1717.55	32.01	1712.12	29.39	1709.97	32.17	1734.03
8/2/05	25.01	1716.18	26.18	1718.05	31.58	1712.55	29.28	1710.08	32.32	1733.88
9/13/05	25.38	1715.81	26.14	1718.09	31.14	1712.99	28.94	1710.42	32.51	1733.69

NOTES:

TOC = Top of casing
DTW - Depth to water
ELEV = Elevation above mean sea level
All numbers are in feet

APPENDIX B
GROUNDWATER ELEVATIONS OF SELECTED
OFF-SITE WELLS

Appendix B
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected Off-Site Wells

TOC	ARP-1 1613.32		ARP-2 1612.79		ARP-3 1612.17		ARP-4 1613.01		ARP-5 1615.01	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
1/21/02	15.30	1598.02	14.96	1597.83	15.08	1597.09	16.54	1596.47	19.49	1595.52
2/21/02	15.66	1597.66	15.36	1597.43	15.57	1596.60	17.17	1595.84	20.13	1594.88
3/19/02	15.83	1597.49	15.52	1597.27	15.83	1596.34	17.49	1595.52	20.53	1594.48
4/30/02	16.18	1597.14	15.90	1596.89	16.26	1595.91	18.04	1594.97	21.12	1593.89
6/17/02										
7/2/02	16.94	1596.38	16.71	1596.08	17.13	1595.04	18.99	1594.02	22.21	1592.80
8/7/02	18.65	1594.67	18.00	1594.79	18.21	1593.96	20.22	1592.79		
9/12/02	19.12	1594.20	19.21	1593.58	19.29	1592.88	21.72	1591.29		
10/22/02	16.27	1597.05	16.06	1596.73	16.35	1595.82	18.32	1594.69		
11/14/02										
11/27/02	19.31	1594.01	19.11	1593.68	19.04	1593.13	20.42	1592.59		
12/11/02	20.22	1593.10	19.95	1592.84	19.98	1592.19	21.71	1591.30		
12/16/02										
1/7/03	20.53	1592.79	20.48	1592.31	20.56	1591.61	21.92	1591.09	24.84	1590.17
2/11/03	20.04	1593.28	20.93	1591.86	21.14	1591.03	22.65	1590.36	25.66	1589.35
3/12/03	21.73	1591.59	21.57	1591.22	22.92	1589.25	23.26	1589.75	26.24	1588.77
4/8/03	21.93	1591.39	21.82	1590.97	22.01	1590.16	23.52	1589.49	26.62	1588.39
5/6/03	22.16	1591.16	22.00	1590.79	22.29	1589.88	23.72	1589.29	26.92	1588.09
6/4/03	22.41	1590.91	22.27	1590.52	22.50	1589.67	24.00	1589.01	27.14	1587.87
7/9/03	22.29	1591.03	22.13	1590.66	22.3	1589.87	23.91	1589.10	27.51	1587.5
8/13/03			22.02	1590.77	22.35	1589.82	23.95	1589.06	27.5	1587.51
9/8/03	22.11	1591.21	21.97	1590.82	22.31	1589.86	23.87	1589.14	27.43	1587.58
10/14/03	22.33	1590.99	22.2	1590.59	22.45	1589.72	24.03	1588.98	27.33	1587.68
11/12/03	22.34	1590.98	22.23	1590.56	22.51	1589.66	24.12	1588.89	27.41	1587.6
12/8/03	22.33	1590.99	22.21	1590.58	22.52	1589.65	24.13	1588.88	27.48	1587.53
1/14/04	22.06	1591.26	21.92	1590.87	22.26	1589.91	24.01	1589.00	27.39	1587.62
2/11/04	21.54	1591.78	21.38	1591.41	21.64	1590.53	23.26	1589.75	26.51	1588.5
3/9/04	20.96	1592.36	20.77	1592.02	21.04	1591.13	22.74	1590.27	25.99	1589.02
4/13/04	21.03	1592.29	20.87	1591.92	21.11	1591.06	22.67	1590.34	26.02	1588.99
5/11/04	21.56	1591.76	21.41	1591.38	21.65	1590.52	23.18	1589.83	26.41	1588.6
6/9/04	22.01	1591.31	21.87	1590.92	22.14	1590.03	23.42	1589.59	26.99	1588.02
7/9/04	22.46	1590.86	22.31	1590.48	22.58	1589.59	24.09	1588.92	27.26	1587.75
8/10/04	22.23	1591.09	22.08	1590.71	22.38	1589.79	24.06	1588.95	27.29	1587.72
9/7/04	22.49	1590.83	22.41	1590.38	22.67	1589.5	24.23	1588.78	27.58	1587.43
10/12/04	22.31	1591.01	22.17	1590.62	22.53	1589.64	24.19	1588.82	17.39	1597.62
11/10/04	22.19	1591.13	22.09	1590.7	22.42	1589.75	23.97	1589.04	27.24	1587.77
12/6/04	22.47	1590.85	22.33	1590.46	22.68	1589.49	24.09	1588.92	27.26	1587.75
1/12/05	23.39	1589.93	22.24	1590.55	22.48	1589.69	23.87	1589.14	27.19	1587.82
2/8/05	22.29	1591.03	22.14	1590.65	22.42	1589.75	23.89	1589.12	27.02	1587.99
3/10/05	21.97	1591.35	21.84	1590.95	22.09	1590.08	23.61	1589.4	26.73	1588.28
4/12/05	21.96	1591.36	21.82	1590.97	22.14	1590.03	23.64	1589.37	26.41	1588.6
5/11/05	22.16	1591.16	22.02	1590.77	22.32	1589.85	23.77	1589.24	26.62	1588.39
6/14/05	22.17	1591.15	22.01	1590.78	22.32	1589.85	23.87	1589.14	26.73	1588.28
7/12/05	21.93	1591.39	21.78	1591.01	22.04	1590.13	23.62	1589.39	26.42	1588.59
8/9/05	21.34	1591.98	21.16	1591.63	21.44	1590.73	22.98	1590.03	25.89	1589.12
9/13/05	21.81	1591.51	21.66	1591.13	21.92	1590.25	23.36	1589.65	26.26	1588.75

Appendix B
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected Off-Site Wells

TOC-->	ARP-6/6A 1615.28		ARP-7 1613.20		ART-1 1614.47		ART-1A 1614.40		ART-2 1617.10	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
1/21/02	20.09	1595.19	17.99	1595.21	15.90	1598.57			18.70	1598.40
2/21/02	20.74	1594.54	18.63	1594.57	15.08	1599.39			17.67	1599.43
3/19/02	21.12	1594.16	19.04	1594.16						
4/30/02	21.75	1593.53	19.63	1593.57	15.46	1599.01			18.05	1599.05
6/17/02										
7/2/02	22.81	1592.47	20.69	1592.51						
8/7/02	23.91	1591.37	21.88	1591.32						
9/12/02	25.14	1590.14	23.42	1589.78						
10/22/02										
11/14/02										
11/27/02										
12/11/02	24.97	1590.31								
12/16/02										
1/7/03	25.28	1590.00	35.52	1577.68						
2/11/03										
3/12/03	26.38	1588.90	24.42	1588.78						
4/8/03	26.99	1588.29	24.75	1588.45						
5/6/03	27.36	1587.92	25.35	1587.85						
6/4/03	27.68	1587.60	25.49	1587.71	37.98	1576.49			26.15	1590.95
7/9/03	27.92	1587.36	25.73	1587.47	38.02	1576.45			27.89	1589.21
8/13/03	28.8	1586.48	25.8	1587.40	30.52	1583.95			25.7	1591.40
9/8/03	27.9	1587.38	25.7	1587.50	32.95	1581.52			25.54	1591.56
10/14/03	27.79	1587.49	26.63	1586.57	37.29	1577.18			25.76	1591.34
11/12/03	27.88	1587.40	25.64	1587.56	37.74	1576.73			25.91	1591.19
12/8/03	27.97	1587.31	25.73	1587.47	37.75	1576.72	22.31	1592.09	25.84	1591.26
1/12/04	27.89	1587.39	25.66	1587.54	22.17	1592.3	22.31	1592.09	25.63	1591.47
2/10/04	27.01	1588.27	24.77	1588.43	21.63	1592.84	21.73	1592.67	25.16	1591.94
3/8/04	26.41	1588.87	24.19	1589.01	21.02	1593.45	21.07	1593.33	24.56	1592.54
4/13/04	26.47	1588.81	24.22	1588.98	21.18	1593.29	21.23	1593.17	24.74	1592.36
5/11/04	26.91	1588.37	24.63	1588.57	24.66	1589.81	21.39	1593.01	25.28	1591.82
6/9/04			25.22	1587.98	25.93	1588.54	21.92	1592.48	25.52	1591.58
7/9/04			24.01	1589.19	27.91	1586.56	22.42	1591.98	26.16	1590.94
8/10/04			25.49	1587.71	27.79	1586.68	21.21	1593.19	25.91	1591.19
9/7/04			25.85	1587.35	29.48	1584.99	22.46	1591.94	26.23	1590.87
10/12/04					30.67	1583.8	22.21	1592.19	25.97	1591.13
11/10/04			25.46	1587.74	37.68	1576.79	22.07	1592.33	25.83	1591.27
12/6/04			25.42	1587.78	37.55	1576.92	22.42	1591.98	26.27	1590.83
1/12/05	26.31	1588.97	25.36	1587.84	22.32	1592.15	22.53	1591.87	25.34	1591.76
2/8/05	26.08	1589.2	25.18	1588.02	37.67	1576.8	22.16	1592.24	25.97	1591.13
3/10/05	27.79	1587.49	24.91	1588.29	22.06	1592.41	22.14	1592.26	24.98	1592.12
4/12/05	25.63	1589.65	24.68	1588.52	37.51	1576.96	21.84	1592.56	24.63	1592.47
5/11/05	25.71	1589.57	24.77	1588.43	22.08	1592.39	22.26	1592.14	25.08	1592.02
6/14/05	25.83	1589.45	24.88	1588.32	37.71	1576.76	22.04	1592.36	24.83	1592.27
7/12/05	25.52	1589.76	24.53	1588.67	22.03	1592.44	22.26	1592.14	24.98	1592.12
8/9/05	25.01	1590.27	24.03	1589.17	29.08	1585.39	21.27	1593.13	24.87	1592.23
9/13/05	25.38	1589.9	24.42	1588.78	36.53	1577.94	21.87	1592.53	25.58	1591.52

Appendix B
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected Off-Site Wells

TOC-->	ART-2A 1616.81		ART-3 1617.94		ART-3A 1617.60		ART-4 1617.46		ART-4A 1617.46	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
1/21/02			19.50	1598.44			19.65	1597.81		
2/21/02			18.64	1599.30			18.59	1598.87		
3/19/02										
4/30/02			18.30	1599.64			19.13	1598.33		
6/17/02			19.50	1598.44						
7/2/02										
8/7/02										
9/12/02										
10/22/02										
11/14/02							22.20	1595.26		
11/27/02										
12/11/02										
12/16/02							23.68	1593.78		
1/7/03										
2/11/03										
3/12/03										
4/8/03										
5/6/03										
6/4/03			39.28	1578.66			40.38	1577.08		
7/9/03			39.7	1578.24			31.41	1586.05		
8/13/03			41.85	1576.09						
9/8/03			42.25	1575.69			40.32	1577.14		
10/14/03			42.05	1575.89			40.25	1577.21		
11/12/03			40.32	1577.62			40.41	1577.05		
12/8/03	25.02	1591.79	41.31	1576.63	26.76	1590.84	40.32	1577.14	27.02	1590.44
1/12/04	24.84	1591.97	27.32	1590.62	30.18	1587.42	26.23	1591.23	42.99	1574.47
2/10/04	24.32	1592.49	26.96	1590.98	29.61	1587.99	25.76	1591.7	42.25	1575.21
3/8/04	23.67	1593.14	26.08	1591.86	27.99	1589.61	31.17	1586.29	25.24	1592.22
4/13/04	23.86	1592.95	26.25	1591.69	28.44	1589.16	34.63	1582.83	25.42	1592.04
5/11/04	24.37	1592.44	39.38	1578.56	26.44	1591.16	31.44	1586.02	25.79	1591.67
6/9/04	24.66	1592.15	39.09	1578.85	26.77	1590.83	26.11	1591.35	42.81	1574.65
7/9/04	25.21	1591.6	27.92	1590.02	31.13	1586.47	37.37	1580.09	26.86	1590.6
8/10/04	24.97	1591.84	39.68	1578.26	26.93	1590.67	37.09	1580.37	26.62	1590.84
9/7/04	25.34	1591.47	28.04	1589.9	31.21	1586.39	40.28	1577.18	26.96	1590.5
10/12/04	25.01	1591.8	27.73	1590.21	31.02	1586.58	40.29	1577.17	26.87	1590.59
11/10/04	24.82	1591.99	27.84	1590.1	32.14	1585.46	40.32	1577.14	26.62	1590.84
12/6/04	25.28	1591.53	28.32	1589.62	32.77	1584.83	40.28	1577.18	26.99	1590.47
1/12/05	25.85	1590.96	28.54	1589.4	34.31	1583.29	26.46	1591	43.47	1573.99
2/8/05	24.92	1591.89	39.09	1578.85	27.21	1590.39	41.99	1575.47	26.77	1590.69
3/10/05	25.49	1591.32	27.64	1590.3	32.03	1585.57	26.07	1591.39	43.44	1574.02
4/12/05	24.63	1592.18	38.33	1579.61	26.82	1590.78	40.34	1577.12	26.48	1590.98
5/11/05	25.57	1591.24	27.58	1590.36	31.29	1586.31	26.15	1591.31	42.26	1575.2
6/14/05	24.83	1591.98	38.52	1579.42	26.81	1590.79	36.04	1581.42	26.45	1591.01
7/12/05	25.41	1591.4	27.25	1590.69	30.44	1587.16	26.03	1591.43	42.18	1575.28
8/9/05	24.02	1592.79	36.53	1581.41	26.11	1591.49	34.25	1583.21	25.64	1591.82
9/13/05	24.63	1592.18	27.27	1590.67	30.56	1587.04	40.37	1577.09	26.34	1591.12

Appendix B
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected Off-Site Wells

TOC-->	ART-5 1614.06		ART-6 1615.31		ART-6A 1614.71		ART-7 1615.38		ART-7A 1614.78	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
1/21/02	16.70	1597.36	18.70	1596.61			18.65	1596.73		
2/21/02	16.59	1597.47	18.54	1596.77			18.68	1596.70		
3/19/02										
4/30/02	17.85	1596.21	19.09	1596.22			19.21	1596.17		
6/17/02										
7/2/02										
8/7/02										
9/12/02										
10/22/02	19.45	1594.61								
11/14/02	20.67	1593.39								
11/27/02	21.14	1592.92								
12/11/02	21.58	1592.48								
12/16/02	21.70	1592.36								
1/7/03	22.4	1591.66								
2/11/03	22.88	1591.18								
3/12/03	23.35	1590.71								
4/8/03										
5/6/03										
6/4/03	24.62	1589.44	30.80	1584.51			27.60	1587.78		
7/9/03	23.75	1590.31	31.01	1584.30			27.63	1587.75		
8/13/03	25.65	1588.41	30.9	1584.41			25.77	1589.61		
9/8/03	24.60	1589.46	31.09	1584.22			27.55	1587.83		
10/14/03	24.58	1589.48	31.52	1583.79			27.47	1587.91		
11/12/03	24.64	1589.42	31.42	1583.89			27.55	1587.83		
12/8/03	24.65	1589.41	31.26	1584.05	25.87	1588.84	27.65	1587.73	25.59	1589.19
1/12/04	24.77	1589.29	26.71	1588.6	32.43	1582.28	28.02	1587.36	25.91	1588.87
2/10/04	24.03	1590.03	25.9	1589.41	32.47	1582.24	27.00	1588.38	24.96	1589.82
3/8/04	23.46	1590.6	30.41	1584.9	25.24	1589.47	26.71	1588.67	24.63	1590.15
4/13/04	23.62	1590.44	30.71	1584.6	25.09	1589.62	26.61	1588.77	24.56	1590.22
5/11/04	23.92	1590.14	30.73	1584.58	25.18	1589.53	26.84	1588.54	24.85	1589.93
6/9/04	24.47	1589.59	26.24	1589.07	32.46	1582.25	27.27	1588.11	25.27	1589.51
7/9/04	24.69	1589.37	31.59	1583.72	25.92	1588.79	26.28	1589.10	26.87	1587.91
8/10/04	24.71	1589.35	31.71	1583.60	25.98	1588.73	26.99	1588.39	26.41	1588.37
9/7/04	24.79	1589.27	32.56	1582.75	26.18	1588.53	26.63	1588.75	27.23	1587.55
10/12/04	24.77	1589.29	32.32	1582.99	26.06	1588.65	26.44	1588.94	27.08	1587.7
11/10/04	24.61	1589.45	32.69	1582.62	25.87	1588.84	26.28	1589.1	26.92	1587.86
12/6/04	24.33	1589.73	32.62	1582.69	25.78	1588.93	26.13	1589.25	26.77	1588.01
1/12/05	23.97	1590.09	26.24	1589.07	32.33	1582.38	26.04	1589.34	26.56	1588.22
2/8/05	24.07	1589.99	31.02	1584.29	25.49	1589.22	26.77	1588.61	25.02	1589.76
3/10/05	23.51	1590.55	25.63	1589.68	32.34	1582.37	25.39	1589.99	25.84	1588.94
4/12/05	23.66	1590.4	31.16	1584.15	25.07	1589.64	26.24	1589.14	24.49	1590.29
5/11/05	23.62	1590.44	25.49	1589.82	31.32	1583.39	25.19	1590.19	25.72	1589.06
6/14/05	23.96	1590.1	30.48	1584.83	25.22	1589.49	26.47	1588.91	24.71	1590.07
7/12/05	23.72	1590.34	25.41	1589.90	31.06	1583.65	25.14	1590.24	25.61	1589.17
8/9/05	23.38	1590.68	30.63	1584.68	24.71	1590.00	25.77	1589.61	24.11	1590.67
9/13/05	23.57	1590.49	30.33	1584.98	24.92	1589.79	25.07	1590.31	25.66	1589.12

Appendix B
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected Off-Site Wells

TOC-->	ART-8 1617.69		ART-8A 1617.10		L-635 1620.94		L-637 1621.60		MW-K2 1618.83	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
1/21/02	18.80	1598.89			13.82	1607.12	9.56	1612.04	18.52	1600.31
2/21/02	18.35	1599.34			13.89	1607.05	9.61	1611.99	18.74	1600.09
3/19/02					13.85	1607.09	9.65	1611.95	18.81	1600.02
4/30/02	18.75	1598.94			13.93	1607.01	9.70	1611.90		
6/17/02										
7/2/02					14.11	1606.83	9.83	1611.77	19.76	1599.07
8/7/02					14.94	1606.00	10.62	1610.98	21.33	1597.50
9/12/02					16.22	1604.72	11.12	1610.48	21.86	1596.97
10/22/02					13.87	1607.07	9.88	1611.72	19.42	1599.41
11/14/02										
11/27/02					14.27	1606.67	10.21	1611.39	23.08	1595.75
12/11/02					15.51	1605.43	10.82	1610.78	23.60	1595.23
12/16/02									24.31	1594.52
1/7/03									24.31	1594.52
2/11/03									DRY	
3/12/03					14.98	1605.96	10.13	1611.47	DRY	
4/8/03					15.09	1605.85	10.44	1611.16	DRY	
5/6/03					15.40	1605.54	10.66	1610.94	DRY	
6/4/03	26.65	1591.04			15.34	1605.60	10.85	1610.75	DRY	
7/9/03	26.36	1591.33			15.34	1605.60	10.98	1610.62	DRY	
8/13/03	26.37	1591.32							DRY	
9/8/03	26.21	1591.48							DRY	
10/14/03	26.39	1591.30			15.29	1605.65	10.63	1610.97	DRY	
11/12/03	27.65	1590.04			15.41	1605.53	10.73	1610.87	DRY	
12/8/03	27.59	1590.10	27.71	1589.39	15.37	1605.57	10.72	1610.88	DRY	
1/12/04	26.33	1591.36	27.31	1589.39	15.29	1605.65	10.67	1610.93	DRY	
2/10/04	25.24	1592.45	28.78	1589.39	15.22	1605.72	10.64	1610.96	DRY	
3/8/04	28.11	1589.58	24.53	1589.39	14.91	1606.03	10.36	1611.24	DRY	
4/13/04	25.34	1592.35	26.46	1589.39	14.95	1605.99	10.34	1611.26	DRY	
5/11/04	28.91	1588.78	25.19	1589.39	15.17	1605.77	10.54	1611.06	DRY	
6/9/04	29.31	1588.38	25.51	1591.59	15.29	1605.65	10.67	1610.93	DRY	
7/9/04	26.68	1591.01	27.99	1589.11	15.42	1605.52	10.78	1610.82	DRY	
8/10/04	26.40	1591.29	27.67	1589.43	15.29	1605.65	10.65	1610.95	DRY	
9/7/04	26.76	1590.93	27.87	1589.23	15.41	1605.53	10.67	1610.93	DRY	
10/12/04	26.47	1591.22	27.49	1589.61	15.01	1605.93	10.11	1611.49	DRY	
11/10/04	26.33	1591.36	27.06	1590.04	15.03	1605.91	10.32	1611.28	DRY	
12/6/04	26.87	1590.82	28.16	1588.94	15.16	1605.78	10.39	1611.21	DRY	
1/12/05	26.64	1591.05	27.95	1589.15	14.77	1606.17	9.91	1611.69	DRY	
2/8/05	29.58	1588.11	25.96	1591.14	15.02	1605.92	10.08	1611.52	DRY	
3/10/05	26.17	1591.52	27.52	1589.58	14.97	1605.97	9.76	1611.84	DRY	
4/12/05	29.26	1588.43	25.51	1591.59	14.89	1606.05	10.06	1611.54	DRY	
5/11/05	26.24	1591.45	27.64	1589.46	15.02	1605.92	10.19	1611.41	DRY	
6/14/05	26.28	1591.41	27.71	1589.39	15.09	1605.85	10.34	1611.26	DRY	
7/12/05	26.09	1591.6	27.47	1589.63	15.09	1605.85	10.41	1611.19	DRY	
8/9/05	28.21	1589.48	24.89	1592.21	14.89	1606.05	10.26	1611.34	DRY	
9/13/05	26.07	1591.62	27.47	1589.63	15.08	1605.86	10.39	1611.21	DRY	

Appendix B
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected Off-Site Wells

TOC-->	MW-K4 1614.96		MW-K5 1598.87		PC-10 1618.95		PC-12 1616.37		PC-17 1617.00	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
1/21/02	18.48	1596.48	19.58	1579.29	19.49	1599.46	18.13	1598.24	17.40	1599.60
2/21/02	19.05	1595.91	20.34	1578.53	20.30	1598.65	18.80	1597.57	17.70	1599.30
3/19/02	19.35	1595.61			20.71	1598.24	19.26	1597.11	17.86	1599.14
4/30/02							19.89	1596.48	18.14	1598.86
6/17/02										
7/2/02	20.72	1594.24	24.01	1574.86	22.43	1596.52	20.98	1595.39	18.93	1598.07
8/7/02	21.78	1593.18	24.20	1574.67	23.4	1595.55	22.8	1593.57	20.5	1596.50
9/12/02			13.85	1585.02	25.29	1593.66	23.68	1592.69	21.13	1595.87
10/22/02	19.94	1595.02	13.28	1585.59	22.76	1596.19	20.91	1595.46	19.37	1597.63
11/14/02										
11/27/02	23.36	1591.60	20.33	1578.54	23.74	1595.21	23.33	1593.04	22.82	1594.18
12/11/02	23.59	1591.37	21.46	1577.41			24.21	1592.16	23.88	1593.12
12/16/02					24.2	1594.75				
1/7/03	24.21	1590.75	24.22	1574.65			24.39	1591.98	24.21	1592.79
2/11/03	24.69	1590.27	23.83	1575.04	25.32	1593.63	24.11	1592.26	24.6	1592.40
3/12/03	25.36	1589.60	23.68	1575.19	25.98	1592.97	25.58	1590.79	25.65	1591.35
4/8/03	25.63	1589.33	24.49	1574.38	26.16	1592.79	26.02	1590.35	25.78	1591.22
5/6/03	26.02	1588.94	25.39	1573.48	26.63	1592.32	26.33	1590.04	25.51	1591.49
6/4/03	26.13	1588.83	24.53	1574.34	26.83	1592.12	26.37	1590.00	25.74	1591.26
7/9/03	26.00	1588.96	26.26	1572.61	27.28	1591.67	27.01	1589.36	25.43	1591.57
8/13/03	26.00	1588.96	26.6	1572.27	27.22	1591.73	26.7	1589.67	25.35	1591.65
9/8/03	25.96	1589.00	24.64	1574.23	27.25	1591.70	26.68	1589.69	25.39	1591.61
10/14/03	26.14	1588.82	26.81	1572.06	26.89	1592.06	26.45	1589.92	25.52	1591.48
11/12/03	26.18	1588.78	25.71	1573.16	26.95	1592.00	26.53	1589.84	25.61	1591.39
12/8/03	26.21	1588.75	26.40	1572.47	26.95	1592.00	26.54	1589.83	25.59	1591.41
1/12/04	25.99	1588.97	14.79	1584.08	27.19	1591.76	26.69	1589.68	25.44	1591.56
2/10/04	25.26	1589.7	20.99	1577.88	26.49	1592.46	25.94	1590.43	25.17	1591.83
3/8/04	24.61	1590.35	20.15	1578.72	26.13	1592.82	25.79	1590.58	24.48	1592.52
4/13/04	24.66	1590.3	22.51	1576.36	P&A		25.38	1590.99	24.46	1592.54
5/11/04	25.23	1589.73	24.07	1574.80			25.92	1590.45	25.12	1591.88
6/9/04	27.81	1587.15	25.43	1573.44			26.24	1590.13	25.52	1591.48
7/9/04	26.22	1588.74	25.27	1573.60			25.57	1590.8	25.87	1591.13
8/10/04	26.08	1588.88	24.46	1574.41			26.68	1589.69	25.58	1591.42
9/7/04	26.33	1588.63	26.14	1572.73			26.77	1589.6	25.94	1591.06
10/12/04	26.19	1588.77	25.53	1573.34			26.73	1589.64	25.72	1591.28
11/10/04	26.07	1588.89	23.63	1575.24			26.62	1589.75	25.63	1591.37
12/6/04	26.24	1588.72	24.07	1574.8			26.42	1589.95	26.07	1590.93
1/12/05	26.11	1588.85	23.86	1575.01			26.22	1590.15	25.98	1591.02
2/8/05	26.09	1588.87	24.66	1574.21			26.04	1590.33	25.79	1591.21
3/10/05	25.78	1589.18	24.29	1574.58			25.63	1590.74	25.41	1591.59
4/12/05	25.82	1589.14	24.22	1574.65			25.53	1590.84	25.41	1591.59
5/11/05	25.95	1589.01	24.49	1574.38			25.41	1590.96	25.56	1591.44
6/14/05	25.90	1589.06	24.09	1574.78			25.71	1590.66	25.61	1591.39
7/12/05	25.67	1589.29	16.04	1582.83			25.16	1591.21	25.37	1591.63
8/9/05	25.03	1589.93	22.78	1576.09			25.24	1591.13	24.81	1592.19
9/13/05	25.53	1589.43	24.67	1574.2			25.42	1590.95	25.29	1591.71

Appendix B
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected Off-Site Wells

TOC-->	PC-18 1618.47		PC-19 1617.62		PC-53 1595.03		PC-55 1617.19		PC-56 1568.25	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
1/21/02	18.73	1599.74	17.60	1600.02	16.62	1578.41	17.23	1599.96	5.18	1563.07
2/21/02	19.03	1599.44	17.86	1599.76	17.29	1577.74	17.48	1599.71		
3/19/02	19.13	1599.34	17.91	1599.71			17.59	1599.6		
4/30/02	19.44	1599.03	18.25	1599.37	18.62	1576.41	17.89	1599.3	6.34	1561.91
6/17/02										
7/2/02	20.14	1598.33	18.94	1598.68	21.02	1574.01				
8/7/02	21.56	1596.91	20.56	1597.06	21.48	1573.55				
9/12/02	22.16	1596.31	20.66	1596.96						
10/22/02	20.84	1597.63	18.63	1598.99	9.43	1585.60				
11/14/02										
11/27/02	24.01	1594.46	22.23	1595.39	17.28	1577.75				
12/11/02	25.82	1592.65	23.15	1594.47	18.45	1576.58				
12/16/02							22.45	1594.74		
1/7/03	25.06	1593.41	23.36	1594.26	21.87	1573.16				
2/11/03	25.61	1592.86	24.12	1593.50	20.7	1574.33				
3/12/03	26.12	1592.35	24.39	1593.23	20.71	1574.32				
4/8/03	26.95	1591.52	24.82	1592.80	21.40	1573.63			8.05	1560.20
5/6/03	26.60	1591.87	24.76	1592.86	22.28	1572.75	24.44	1592.75	9.17	1559.08
6/4/03	27.05	1591.42	25.17	1592.45	20.87	1574.16				
7/9/03	26.54	1591.93	P&A		22.38	1572.65				
8/13/03	26.55	1591.92			23.42	1571.61	24.37	1592.82		
9/8/03	26.5	1591.97			21.17	1573.86	24.43	1592.76	10.59	1557.66
10/14/03	26.67	1591.80			23.66	1571.37	24.61	1592.58	9.74	1558.51
11/12/03	26.75	1591.72			22.27	1572.76	24.67	1592.52	9.14	1559.11
12/8/03	26.71	1591.76			23.14	1571.89	24.63	1592.56	9.05	1559.20
1/12/04	26.41	1592.06	P & A		8.94	1586.09	24.32	1592.87	8.24	1560.01
2/10/04	26.01	1592.46			15.78	1579.25	23.91	1593.28	7.34	1560.91
3/8/04	25.38	1593.09			15.93	1579.1	23.31	1593.88	6.33	1561.92
4/13/04	25.53	1592.94			18.91	1576.12	23.47	1593.72	7.12	1561.13
5/11/04	26.04	1592.43			20.52	1574.51	23.94	1593.25	8.59	1559.66
6/9/04	26.32	1592.15			21.98	1573.05	24.27	1592.92	9.89	1558.36
7/9/04	26.91	1591.56			21.81	1573.22	24.76	1592.43	9.94	1558.31
8/10/04	26.68	1591.79			20.57	1574.46	24.52	1592.67	9.48	1558.77
9/7/04	27.01	1591.46			22.21	1572.82	24.85	1592.34	10.01	1558.24
10/12/04	26.76	1591.71			19.18	1575.85	24.61	1592.58	8.84	1559.41
11/10/04	26.57	1591.9			19.34	1575.69	24.42	1592.77	7.64	1560.61
12/6/04	26.93	1591.54			19.73	1575.3	24.86	1592.33	7.59	1560.66
1/12/05	26.64	1591.83			19.62	1575.41	24.53	1592.66	6.11	1562.14
2/8/05	26.67	1591.8			20.59	1574.44	24.51	1592.68	7.47	1560.78
3/10/05	26.23	1592.24			20.31	1574.72	24.18	1593.01	6.89	1561.36
4/12/05	26.31	1592.16			20.14	1574.89	24.19	1593.00	8.01	1560.24
5/11/05	26.47	1592.00			20.74	1574.29	24.41	1592.78	8.88	1559.37
6/14/05	26.49	1591.98			20.33	1574.7	24.41	1592.78	9.68	1558.57
7/12/05	26.13	1592.34			10.14	1584.89	24.26	1592.93	9.77	1558.48
8/9/05	25.71	1592.76			18.84	1576.19	23.64	1593.55	8.02	1560.23
9/13/05	26.33	1592.14			21.01	1574.02	24.23	1592.96	8.95	1559.3

Appendix B
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected Off-Site Wells

TOC-->	PC-58 1567.96		PC-59 1567.92		PC-60 1568.38		PC-62 1567.83		PC-68 1566.97	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
1/21/02	4.96	1563.00	6.36	1561.56	5.02	1563.36	7.22	1560.61	6.50	1560.47
2/21/02										
3/19/02										
4/30/02	6.60	1561.36	7.85	1560.07	6.54	1561.84	8.58	1559.25	7.80	1559.17
6/17/02										
7/2/02										
8/7/02										
9/12/02										
10/22/02										
11/14/02										
11/27/02										
12/11/02										
12/16/02										
1/7/03										
2/11/03										
3/12/03										
4/8/03	7.62	1560.34	8.05	1559.87	7.93	1560.45			8.46	1558.51
5/6/03	8.68	1559.28	9.92	1558.00	9.11	1559.27			9.52	1557.45
6/4/03	9.98	1557.98	11.05	1556.87	9.87	1558.51			10.28	1556.69
7/9/03	10.89	1557.07	12.2	1555.72	11.14	1557.24	12.55	1555.28	11.46	1555.51
8/13/03										
9/8/03	10.1	1557.86	11.56	1556.36	10.49	1557.89	11.88	1555.95	10.8	1556.17
10/14/03	10.51	1557.45	10.43	1557.49	11.24	1557.14	11.54	1556.29	10.44	1556.53
11/12/03	9.71	1558.25	9.62	1558.3	10.65	1557.73	11.14	1556.69	10.07	1556.9
12/8/03	9.68	1558.28	9.61	1558.31	10.46	1557.92	10.87	1556.96	9.77	1557.2
1/12/04	8.34	1559.62	9.94	1557.98	8.20	1560.18	10.61	1557.22	9.52	1557.45
2/10/04	7.81	1560.15	7.76	1560.16	8.91	1559.47	9.58	1558.25	8.58	1558.39
3/8/04	5.21	1562.75	7.79	1560.13	6.23	1562.15	8.53	1559.30	7.57	1559.4
4/13/04	6.71	1561.25	8.09	1559.83	6.99	1561.39	8.67	1559.16	7.66	1559.31
5/11/04	7.97	1559.99	9.52	1558.4	8.49	1559.89	10.09	1557.74	9.03	1557.94
6/9/04	9.13	1558.83	10.82	1557.1	9.81	1558.57	11.27	1556.56	10.16	1556.81
7/9/04	9.29	1558.67	11.11	1556.81	9.84	1558.54	11.51	1556.32	10.54	1556.43
8/10/04	8.92	1559.04	10.93	1556.99	9.38	1559.00	11.57	1556.26	10.53	1556.44
9/7/04	9.17	1558.79	11.23	1556.69	9.93	1558.45	11.73	1556.1	10.64	1556.33
10/12/04	8.54	1559.42	10.29	1557.63	8.77	1559.61	10.99	1556.84	9.98	1556.99
11/10/04	7.63	1560.33	9.44	1558.48	7.71	1560.67	10.14	1557.69	8.99	1557.98
12/6/04	7.45	1560.51	8.62	1559.3	7.49	1560.89	9.13	1558.7	8.17	1558.8
1/12/05	5.85	1562.11	7.28	1560.64	6.09	1562.29	7.69	1560.14	6.58	1560.39
2/8/05	7.21	1560.75	8.19	1559.73	7.33	1561.05	8.66	1559.17	7.62	1559.35
3/10/05	6.02	1561.94	7.59	1560.33	6.77	1561.61	8.01	1559.82	6.93	1560.04
4/12/05	7.72	1560.24	8.82	1559.1	7.93	1560.45	9.18	1558.65	8.05	1558.92
5/11/05	7.86	1560.1	9.76	1558.16	8.79	1559.59	10.18	1557.65	9.05	1557.92
6/14/05	9.07	1558.89	10.85	1557.07	9.63	1558.75	11.32	1556.51	10.19	1556.78
7/12/05	9.39	1558.57	10.28	1557.64	9.72	1558.66	11.03	1556.8	9.96	1557.01
8/9/05	7.42	1560.54	9.33	1558.59	7.92	1560.46	10.07	1557.76	9.78	1557.19
9/13/05	8.33	1559.63	10.09	1557.83	8.89	1559.49	10.74	1557.09	9.68	1557.29

Appendix B
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected Off-Site Wells

TOC-->	PC-86 1553.85		PC-89 1551.10		PC-91 1552.33		PC-95 1550.62		PC-97 1548.53	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
1/21/02	+ 0.30	1554.15	+ 0.60	1551.70	4.18	1548.15	1.45	1549.17	+ 0.10	1548.63
2/21/02							1.43	1549.19		
3/19/02										
4/30/02	0.38	1553.47	+ 0.12	1551.22	5.32	1547.01	1.83	1548.79	0.41	1548.12
6/17/02										
7/2/02	2.79	1551.06	3.06	1548.04	7.64	1544.69	3.66	1546.96	2.55	1545.98
8/7/02	3.08	1550.77	4.38	1546.72	8.73	1543.6	4.23	1546.39	3.26	1545.27
9/12/02	3.92	1549.93	4.90	1546.20	9.30	1543.03	5.23	1545.39	4.16	1544.37
10/22/02	0.20	1553.65	1.45	1549.65	5.81	1546.52	2.38	1548.24	1.31	1547.22
11/14/02										
11/27/02	0.40	1553.45	1.60	1549.50	4.91	1547.42	2.27	1548.35	0.80	1547.73
12/11/02	0.05	1553.80	1.14	1549.96	5.13	1547.2	2.50	1548.12	1.32	1547.21
12/16/02							2.40	1548.22		
1/7/03	0.7	1553.15	0.86	1550.24	4.86	1547.47	2.65	1547.97	0.38	1548.15
2/11/03	1.53	1552.32	3.28	1547.82	6.15	1546.18	3.7	1546.92	2.21	1546.32
3/12/03	2.73	1551.12	0.89	1550.21	6.16	1546.17	1.85	1548.77	3.22	1545.31
4/8/03	3.31	1550.54	4.60	1546.5	7.14	1545.19	4.58	1546.04	3.56	1544.97
5/6/03	4.37	1549.48	5.68	1545.42	8.38	1543.95	5.17	1545.45	4.15	1544.38
6/4/03	5.67	1548.18	7.10	1544	9.38	1542.95	6.25	1544.37	5.10	1543.43
7/9/03	7.81	1546.04	9.03	1542.07	10.32	1542.01	7.08	1543.54	6.04	1542.49
8/13/03	8.5	1545.35	8.55	1542.55	10.75	1541.58	7.67	1542.95	6.60	1541.93
9/8/03	7.28	1546.57	7.75	1543.35	10.25	1542.08	7.31	1543.31	6.02	1542.51
10/14/03	6.69	1547.16	7.33	1543.77	9.31	1543.02	6.70	1543.92	5.45	1543.08
11/12/03	6.09	1547.76	6.93	1544.17	9.12	1543.21	6.06	1544.56	4.94	1543.59
12/8/03	5.64	1548.21	4.73	1546.37	8.62	1543.71	5.18	1545.44	4.03	1544.50
1/12/04	5.49	1548.36	6.14	1544.96	8.51	1543.82	5.48	1545.14	4.35	1544.18
2/10/04	4.53	1549.32	3.37	1547.73	7.64	1544.69	5.86	1544.76	3.97	1544.56
3/8/04	3.14	1550.71	3.96	1547.14	6.89	1545.44	4.03	1546.59	2.76	1545.77
4/13/04	3.05	1550.8	4.18	1546.92	6.91	1545.42	4.06	1546.56	2.92	1545.61
5/11/04	4.37	1549.48	5.61	1545.49	8.08	1544.25	5.01	1545.61	4.11	1544.42
6/9/04	5.49	1548.36	6.71	1544.39	9.07	1543.26	5.98	1544.64	5.07	1543.46
7/9/04	5.78	1548.07	6.47	1544.63	9.55	1542.78	6.17	1544.45	5.18	1543.35
8/10/04	5.67	1548.18	6.74	1544.36	9.25	1543.08	6.15	1544.47	5.28	1543.25
9/7/04	5.71	1548.14	6.78	1544.32	8.95	1543.38	6.17	1544.45	5.13	1543.4
10/12/04	5.27	1548.58	6.28	1544.82	9.11	1543.22	5.87	1544.75	4.79	1543.74
11/10/04	4.24	1549.61	5.33	1545.77	8.52	1543.81	4.97	1545.65	3.91	1544.62
12/6/04	3.08	1550.77	4.36	1546.74	7.87	1544.46	4.22	1546.4	3.19	1545.34
1/12/05	0.93	1552.92	2.32	1548.78	6.23	1546.1	2.79	1547.83	1.67	1546.86
2/8/05	2.36	1551.49	3.76	1547.34	6.97	1545.36	3.77	1546.85	2.72	1545.81
3/10/05	1.84	1552.01	3.24	1547.86	6.53	1545.8	3.42	1547.2	2.41	1546.12
4/12/05	3.31	1550.54	4.67	1546.43	7.59	1544.74	4.38	1546.24	3.42	1545.11
5/11/05	4.41	1549.44	5.57	1545.53	8.38	1543.95	5.07	1545.55	4.19	1544.34
6/14/05	5.38	1548.47	6.51	1544.59	9.14	1543.19	5.89	1544.73	5.01	1543.52
7/12/05	5.14	1548.71	6.33	1544.77	9.02	1543.31	5.79	1544.83	4.92	1543.61
8/9/05	4.24	1549.61	5.58	1545.52	8.04	1544.29	5.13	1545.49	4.22	1544.31
9/13/05	4.58	1549.27	5.99	1545.11	8.58	1543.75	5.49	1545.13	4.88	1543.65

Appendix B
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected Off-Site Wells

TOC-->	PC-98R 1593.35		PC-99R2/R3 1552.55		PC-101R 1618.12		PC-103 1599.49		PC-115R 1554.71	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
1/21/02					18.61	1599.51	15.81	1583.68		
2/21/02					18.90	1599.22	16.60	1582.89		
3/19/02					19.10	1599.02				
4/30/02					19.41	1598.71	17.77	1581.72		
6/17/02										
7/2/02					21.11	1597.01	19.53	1579.96		
8/7/02					21.83	1596.29	19.89	1579.60		
9/12/02							19.54	1579.95		
10/22/02					19.7	1598.42	12.64	1586.85		
11/14/02										
11/27/02					23.91	1594.21	16.96	1582.53		
12/11/02					24.74	1593.38	17.82	1581.67		
12/16/02										
1/7/03					25.12	1593.00	21.12	1578.37		
2/11/03					25.55	1592.57	20.23	1579.26		
3/12/03					26.32	1591.80	20.56	1578.93		
4/8/03	18.35	1575.00			26.41	1591.71	20.78	1578.71		
5/6/03	19.3	1574.05			26.56	1591.56	21.50	1577.99		
6/4/03	18.42	1574.93	21.10	1531.45	26.96	1591.16	21.26	1578.23	21.50	1533.21
7/9/03	20.21	1573.14	18.70	1533.85	26.39	1591.73	22.12	1577.37	22.9	1531.81
8/13/03	18.45	1574.90	11.60	1540.95	26.6	1591.52	21.50	1577.99	22.2	1532.51
9/8/03	18.45	1574.90	11.68	1540.87	26.58	1591.54	20.66	1578.83	19.56	1535.15
10/14/03	20.50	1572.85	11.73	1540.82	26.74	1591.38	21.88	1577.61	15.95	1538.76
11/12/03	19.51	1573.84	16.26	1536.29	26.81	1591.31	21.53	1577.96	18.30	1536.41
12/8/03	20.16	1573.19	3.46	1549.09	26.46	1591.66	22.88	1576.61	15.71	1539.00
1/12/04	10.14	1583.21	16.91	1535.64	26.56	1591.56	18.61	1580.88	20.92	1533.79
2/10/04	15.83	1577.52	24.17	1528.38	26.17	1591.95	19.76	1579.73	20.96	1533.75
3/8/04	14.20	1579.15	8.42	1544.13	25.54	1592.58	17.77	1581.72	17.14	1537.57
4/13/04	16.38	1576.97	1.48	1551.07	25.54	1592.58	19.04	1580.45	17.26	1537.45
5/11/04	17.89	1575.46	2.93	1549.62	26.17	1591.95	20.33	1579.16	19.35	1535.36
6/9/04	19.25	1574.1	26.36	1526.19	26.51	1591.61	21.51	1577.98	23.14	1531.57
7/9/04	19.03	1574.32	29.91	1522.64	26.96	1591.16	21.25	1578.24	20.31	1534.4
8/10/04	18.28	1575.07	32.95	1519.60	26.74	1591.38	20.73	1578.76	22.10	1532.61
9/7/04	19.94	1573.41	30.58	1521.97	27.02	1591.1	21.85	1577.64	18.87	1535.84
10/12/04	17.51	1575.84	9.98	1542.57	26.81	1591.31	20.57	1578.92	32.92	1521.79
11/10/04	17.64	1575.71	30.76	1521.79	26.66	1591.46	20.54	1578.95	14.68	1540.03
12/6/04	18.03	1575.32	29.64	1522.91	27.04	1591.08	21.02	1578.47	13.77	1540.94
1/12/05	17.88	1575.47	17.58	1534.97	26.91	1591.21	21.11	1578.38	7.32	1547.39
2/8/05	18.56	1574.79	19.27	1533.28	26.84	1591.28	21.36	1578.13	11.68	1543.03
3/10/05	18.21	1575.14	17.25	1535.30	26.42	1591.7	21.04	1578.45	10.88	1543.83
4/12/05	18.16	1575.19	18.26	1534.29	25.99	1592.13	21.04	1578.45	17.03	1537.68
5/11/05	18.43	1574.92	23.63	1528.92	26.61	1591.51	21.24	1578.25	22.08	1532.63
6/14/05	18.13	1575.22	21.79	1530.76	26.69	1591.43	21.19	1578.3	18.65	1536.06
7/12/05	11.22	1582.13	21.18	1531.37	26.44	1591.68	18.41	1581.08	19.42	1535.29
8/9/05	16.74	1576.61	30.57	1521.98	25.89	1592.23	19.52	1579.97	19.81	1534.9
9/13/05	18.48	1574.87	24.74	1527.81	26.34	1591.78	20.74	1578.75	19.81	1534.9

Appendix B
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected Off-Site Wells

TOC-->	PC-116R 1552.10		PC-117 1552.26		PC-118 1554.53		PC-119 1554.66		PC-120 1554.64	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
1/21/02										
2/21/02										
3/19/02										
4/30/02	1.62	1550.48								
6/17/02										
7/2/02										
8/7/02										
9/12/02										
10/22/02										
11/14/02										
11/27/02										
12/11/02										
12/16/02										
1/7/03										
2/11/03										
3/12/03										
4/8/03										
5/6/03										
6/4/03	21.70	1530.40	17.40	1534.86	13.20	1541.33	7.85	1546.81	6.50	1548.14
7/9/03	22.60	1529.50	17.9	1534.36	15.10	1539.43	10.7	1543.96	8.7	1545.94
8/13/03	21.43	1530.67	19.6	1532.66	16.23	1538.30	9.75	1544.91	8.97	1545.67
9/8/03	19.30	1532.80	19.3	1532.96	16.10	1538.43	9.12	1545.54	8.4	1546.24
10/14/03	17.94	1534.16	18.70	1533.56	15.81	1538.72	8.43	1546.23	7.63	1547.01
11/12/03	14.67	1537.43	18.66	1533.60	15.98	1538.55	8.03	1546.63	7.22	1547.42
12/8/03	13.69	1538.41	21.16	1531.10	15.14	1539.39	7.27	1547.39	7.71	1546.93
1/12/04	13.84	1538.26	19.84	1532.42	15.29	1539.24	7.71	1546.95	7.93	1546.71
2/10/04	11.05	1541.05	18.49	1533.77	14.00	1540.53	6.45	1548.21	6.63	1548.01
3/8/04	10.81	1541.29	9.02	1543.24	13.56	1540.97	5.17	1549.49	5.26	1549.38
4/13/04	28.5	1523.6	17.03	1535.23	12.8	1541.73	5.32	1549.34	4.44	1550.2
5/11/04	24.17	1527.93	13.08	1539.18	14.03	1540.5	6.46	1548.2	5.52	1549.12
6/9/04	27.15	1524.95	15.02	1537.24	15.22	1539.31	7.35	1547.31	6.41	1548.23
7/9/04	22.89	1529.21	16.00	1536.26	19.1	1535.43	7.74	1546.92	6.79	1547.85
8/10/04	26.98	1525.12	19.69	1532.57	22.18	1532.35	10.7	1543.96	9.59	1545.05
9/7/04	23.67	1528.43	16.82	1535.44	19.43	1535.1	7.69	1546.97	6.31	1548.33
10/12/04	27.24	1524.86	19.77	1532.49	17.69	1536.84	7.26	1547.4	9.22	1545.42
11/10/04	22.14	1529.96	15.89	1536.37	17.19	1537.34	5.85	1548.81	3.99	1550.65
12/6/04	20.31	1531.79	15.16	1537.1	12.49	1542.04	5.02	1549.64	3.21	1551.43
1/12/05	19.23	1532.87	14.61	1537.65	10.36	1544.17	5.63	1549.03	4.56	1550.08
2/8/05	22.96	1529.14	16.05	1536.21	8.16	1546.37	3.59	1551.07	2.43	1552.21
3/10/05	19.81	1532.29	15.28	1536.98	7.42	1547.11	3.28	1551.38	1.95	1552.69
4/12/05	18.77	1533.33	15.72	1536.54	9.81	1544.72	4.36	1550.3	3.76	1550.88
5/11/05	22.23	1529.87	18.26	1534.00	17.17	1537.36	8.75	1545.91	7.91	1546.73
6/14/05	20.28	1531.82	18.84	1533.42	15.35	1539.18	6.83	1547.83	5.99	1548.65
7/12/05	25.05	1527.05	17.96	1534.3	13.17	1541.36	6.06	1548.6	5.46	1549.18
8/9/05	24.23	1527.87	17.61	1534.65	12.24	1542.29	5.27	1549.39	4.51	1550.13
9/13/05	19.25	1532.85	19.73	1532.53	12.16	1542.37	5.83	1548.83	5.06	1549.58

Appendix B
Kerr-McGee Chemical LLC
Henderson, Nevada
Groundwater Elevations
Selected Off-Site Wells

TOC-->	PC-121 1554.10		PC-122 1617.39		PC-133 1553.00	
	DTW	ELEV	DTW	ELEV	DTW	ELEV
1/21/02						
2/21/02						
3/19/02						
4/30/02						
6/17/02						
7/2/02						
8/7/02						
9/12/02						
10/22/02						
11/14/02						
11/27/02						
12/11/02						
12/16/02						
1/7/03						
2/11/03						
3/12/03						
4/8/03						
5/6/03						
6/4/03	5.20	1548.90				
7/9/03	12.9	1541.20				
8/13/03	16.25	1537.85				
9/8/03	16.5	1537.60				
10/14/03	16.54	1537.56				
11/12/03	15.27	1538.83				
12/8/03	17.99	1536.11				
1/12/04	12.49	1541.61				
2/10/04	8.72	1545.38				
3/8/04	2.32	1551.78	26.82	1590.58		
4/13/04	2.62	1551.48	26.73	1590.67		
5/11/04	3.82	1550.28	27.02	1590.38		
6/9/04	4.93	1549.17	27.47	1589.93		
7/9/04	5.14	1548.96	27.76	1589.64		
8/10/04	8.11	1545.99	27.88	1589.52		
9/7/04	5.09	1549.01	28.01	1589.39		
10/12/04	14.68	1539.42	27.97	1589.43		
11/10/04	3.78	1550.32	27.75	1589.65		
12/6/04	3.39	1550.71	27.67	1589.73		
1/12/05	4.98	1549.12	27.54	1589.86		
2/8/05	3.33	1550.77	27.26	1590.14		
3/10/05	3.46	1550.64	26.89	1590.51		
4/12/05	5.62	1548.48	26.66	1590.74		
5/11/05	8.42	1545.68	26.71	1590.69		
6/14/05	7.33	1546.77	26.85	1590.55		
7/12/05	6.54	1547.56	26.63			
8/9/05	5.04	1549.06	26.26		20.03	1532.97
9/13/05	4.11	1549.99	26.53		22.29	1530.71
NOTES						
TOC = Top of casing						
DTW = Depth to water						
ELEV = Elevation above mean sea level						
All numbers are in feet						

APPENDIX C
MWH LABORATORY REPORTS



MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
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1 800 566 LABS (1 800 566 5227)

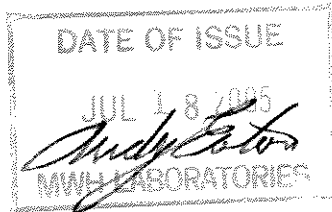
Laboratory Report

for

Kerr McGee Chemical Company - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager



Report#: 151380
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 12 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

151380

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016

(626) 386-1100 (800) 566-5227

MWLABS USE ONLY:

SAMPLES CHECKED/LOGGED IN BY:

LOGIN COMMENTS:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

SAMPLE TEMP, RECEIPT AT LAB: 50

TO BE COMPLETED BY SAMPLER:

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES										SAMPLER COMMENTS	
							Total ClO ₄	EC	Total Chrome	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)								(check for yes)
0530	7/5/05		ART-1	RSW	X		X	X										SBO - 12373 & 18787
0530	7/5/05		ART-2	RSW	X		X	X										
0530	7/5/05		ART-3	RSW	X		X	X										
0530	7/5/05		ART-4	RSW	X		X	X										
0530	7/5/05		ART-5	RSW	X		X	X										
0530	7/5/05		ART-6	RSW	X		X	X										
0530	7/5/05		ART-7	RSW	X		X	X										
0530	7/5/05		ART-8	RSW	X		X	X										
0600	7/5/05		PC-99R2/R3	RSW	X		X	X										
0600	7/5/05		PC-115R	RSW	X		X	X										
0600	7/5/05		PC-116R	RSW	X		X	X										
0600	7/5/05		Seep Surface Flow	RSW	X		X	X										

Reported by Weight:

SO = Soil
SL = Sludge

Reported by Volume:

CGW = Chlorinated Finished Water
FW = Other Finished Water

CGW = Chlorinated Waste Water

WW = Other Waste Water

SW = Storm Water

SIGNATURE

Michele Brown

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water for Kerr McGee

DATE

7/5/2005

TIME

1200pm

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:





750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

MWILABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.# (check for yes)

KERRMCGEE-MP Collection Wells Fields - Monthly - SO #12373

Sampler Signature: *Michele Brown* Kerr-McGee Chemical LLC
 PO Box 55
 Henderson, NV 89009

Susan Crowley (702) 651-2200

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)										SAMPLER COMMENTS		
							Total ClO ₄	Total Chrome											
6:00	7/5/05		SF-1	RSW	X		X	X											
6:00	7/5/05		PC-117	RSW	X		X	X											
6:00	7/5/05		PC-118	RSW	X		X	X											
6:00	7/5/05		PC-119	RSW	X		X	X											
6:00	7/5/05		PC-120	RSW	X		X	X											
6:00	7/5/05		PC-121	RSW	X		X	X											
6:00	7/5/05		PC-133	RSW	X		X	X											

* MATRIX TYPES: Reported by Volume: CW = Chlorinated Finished Water, FW = Other Finished Water, RGW = Raw Ground Water, RSW = Raw Surface Water, CWW = Chlorinated Waste Water, WW = Other Waste Water, SW = Storm Water, Reported by Weight: SO = Soil, SL = Sludge

SIGNATURE: *Michele Brown* RECEIVED BY: *Michele Brown* PRINT NAME: Michele Brown

SIGNATURE: *Susan Crowley* RECEIVED BY: *Susan Crowley* PRINT NAME: Susan Crowley

SIGNATURE: _____ RECEIVED BY: _____ PRINT NAME: _____

SIGNATURE: _____ RECEIVED BY: _____ PRINT NAME: _____

DATE: 7/5/2005 TIME: 1200pm

DATE: 7-6-05 TIME: 13:19

COMPANY/TITLE: Veolia Water for Kerr McGee

SCANNED



MWH Laboratories, a Division of MWH Americas, Inc.
750 Royal Oaks Avenue Suite 100
Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Kerr McGee Chemical Company - Henderson Standing

Andrew Eaton, Your MWL Project Manager
(626) 386-1125 Direct Phone/Voice Mail

Client Code KERRMCGEE-MP W Weekly
Project Code CLO4 Week 1
PO# / Job# GWREMEDIATION
Blanket PO

SO# 24535 12373 RS

Sampler: Please Return this Paper with your samples

Created by 0

Order Date 06/06/05

Date Needed by Client

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Billing Address
KMCLLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

ATTN: Susan Crowley
PHONE: 702-651-2234

ATTN: Susan Crowley
PHONE: 702-651-2234
FAX: 702-651-2310

Quote#

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

30	CLO4, EC	1 125ml poly /no preservative	-	-	-	
-	SHEET OF LABELS WITH WELL-IDS	see comments section	-	-	-	
-			-	-	-	PC-117, PC-118, PC-119, PC-120, and PC-121
-			-	-	-	PC-116R
-			-	-	-	PC-99R2
-			-	-	-	PC-99R3
-			-	-	-	PC-115R
-			-	-	-	ART-1
-			-	-	-	ART-2
-			-	-	-	ART-3
-			-	-	-	ART-4
-			-	-	-	ART-5
-			-	-	-	ART-6
-			-	-	-	ART-7
-			-	-	-	ART-8
-			-	-	-	Seep Surface Flow SF-1*
-			-	-	-	Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on
-			-	-	-	EXTRA BOTTLES INCLUDED
-			-	-	-	client code changed 7/25/03

SCANNED



MWH Laboratories
A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Report
Comments
#151380

Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____



750 Royal Oaks Drive, Suite 100
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Laboratory
 Hits Report
 #151380

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 06-jul-2005 15:59:40

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507060262	ART-1				
07/11/05	Perchlorate		70		ug/l	20
07/08/05	Specific Conductance		10300		umho/cm	2.0
	2507060269	ART-2				
07/11/05	Perchlorate		150000		ug/l	20000
07/08/05	Specific Conductance		14400		umho/cm	2.0
	2507060270	ART-3				
07/11/05	Perchlorate		440000		ug/l	40000
07/08/05	Specific Conductance		10700		umho/cm	2.0
	2507060271	ART-4				
07/11/05	Perchlorate		390000		ug/l	40000
07/08/05	Specific Conductance		7840		umho/cm	2.0
	2507060272	ART-5				
07/11/05	Perchlorate		110000		ug/l	20000
07/08/05	Specific Conductance		12400		umho/cm	2.0
	2507060273	ART-6				
07/11/05	Perchlorate		310000		ug/l	20000
07/08/05	Specific Conductance		9070		umho/cm	2.0
	2507060274	ART-7				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #151380

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received

06-jul-2005 15:59:40

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507060274	ART-7				
07/11/05	Perchlorate		98000		ug/l	20000
07/08/05	Specific Conductance		14500		umho/cm	2.0
	2507060275	ART-8				
07/11/05	Perchlorate		420000		ug/l	40000
07/08/05	Specific Conductance		12300		umho/cm	2.0
	2507060276	PC-99R2/R3				
07/12/05	Perchlorate		23000		ug/l	2000
07/08/05	Specific Conductance		6790		umho/cm	2.0
	2507060277	PC-115R				
07/12/05	Perchlorate		27000		ug/l	2000
07/08/05	Specific Conductance		7190		umho/cm	2.0
	2507060278	PC-116R				
07/12/05	Perchlorate		18000		ug/l	2000
07/08/05	Specific Conductance		7160		umho/cm	2.0
	2507060279	SEEP SURFACE FLOW				
07/12/05	Perchlorate		1000		ug/l	800
07/08/05	Specific Conductance		5240		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#151380

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received

06-jul-2005 15:59:40

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507060280	SF-1				
	2507060280	SF-1				
07/08/05	Specific Conductance		8760		umho/cm	2.0
	2507060281	PC-117				
07/12/05	Perchlorate		11000		ug/l	2000
07/08/05	Specific Conductance		6170		umho/cm	2.0
	2507060282	PC-118				
07/12/05	Perchlorate		25000		ug/l	2000
07/08/05	Specific Conductance		7180		umho/cm	2.0
	2507060283	PC-119				
07/12/05	Perchlorate		21000		ug/l	2000
07/08/05	Specific Conductance		6890		umho/cm	2.0
	2507060284	PC-120				
07/12/05	Perchlorate		9000		ug/l	2000
07/08/05	Specific Conductance		5450		umho/cm	2.0
	2507060285	PC-121				
07/12/05	Perchlorate		4000		ug/l	2000
07/08/05	Specific Conductance		4350		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#151380

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received

06-jul-2005 15:59:40

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507060285	PC-121				
	2507060286	PC-133				
07/12/05	Perchlorate		18000		ug/l	800
07/08/05	Specific Conductance		6780		umho/cm	2.0



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Laboratory
Data Report
#151380

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received

07/06/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2507060262) Sampled on 07/05/05 05:30								
	07/11/05 17:30	278701	(EPA 314	) Perchlorate	70	ug/l	20	5
	07/08/05 11:13	278125	(2510B/ SW9050	) Specific Conductance	10300	umho/cm	2.0	1
ART-2 (2507060269) Sampled on 07/05/05 05:30								
	07/11/05 17:47	278701	(EPA 314	) Perchlorate	150000	ug/l	20000	5000
	07/08/05 11:13	278125	(2510B/ SW9050	) Specific Conductance	14400	umho/cm	2.0	1
ART-3 (2507060270) Sampled on 07/05/05 05:30								
	07/11/05 18:04	278701	(EPA 314	) Perchlorate	440000	ug/l	40000	10000
	07/08/05 11:13	278125	(2510B/ SW9050	) Specific Conductance	10700	umho/cm	2.0	1
ART-4 (2507060271) Sampled on 07/05/05 05:30								
	07/11/05 18:21	278701	(EPA 314	) Perchlorate	390000	ug/l	40000	10000
	07/08/05 11:13	278125	(2510B/ SW9050	) Specific Conductance	7840	umho/cm	2.0	1
ART-5 (2507060272) Sampled on 07/05/05 05:30								
	07/11/05 18:38	278701	(EPA 314	) Perchlorate	110000	ug/l	20000	5000
	07/08/05 11:13	278125	(2510B/ SW9050	) Specific Conductance	12400	umho/cm	2.0	1
ART-6 (2507060273) Sampled on 07/05/05 05:30								
	07/11/05 18:55	278701	(EPA 314	) Perchlorate	310000	ug/l	20000	5000
	07/08/05 11:29	278136	(2510B/ SW9050	) Specific Conductance	9070	umho/cm	2.0	1
ART-7 (2507060274) Sampled on 07/05/05 05:30								
	07/11/05 19:12	278701	(EPA 314	) Perchlorate	98000	ug/l	20000	5000
	07/08/05 14:54	278133	(2510B/ SW9050) Specific Conductance	14500	umho/cm	2.0	1



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Laboratory
Data Report
#151380

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2507060275) Sampled on 07/05/05 05:30								
	07/11/05 19:29	278701	(EPA 314)	Perchlorate	420000	ug/l	40000	10000
	07/08/05 14:54	278133	(2510B/ SW9050)	Specific Conductance	12300	umho/cm	2.0	1
PC-99R2/R3 (2507060276) Sampled on 07/05/05 06:00								
	07/12/05 17:20	278744	(EPA 314)	Perchlorate	23000	ug/l	2000	500
	07/08/05 14:54	278133	(2510B/ SW9050)	Specific Conductance	6790	umho/cm	2.0	1
PC-115R (2507060277) Sampled on 07/05/05 06:00								
	07/12/05 17:37	278744	(EPA 314)	Perchlorate	27000	ug/l	2000	500
	07/08/05 14:54	278133	(2510B/ SW9050)	Specific Conductance	7190	umho/cm	2.0	1
PC-116R (2507060278) Sampled on 07/05/05 06:00								
	07/12/05 17:54	278744	(EPA 314)	Perchlorate	18000	ug/l	2000	500
	07/08/05 14:54	278133	(2510B/ SW9050)	Specific Conductance	7160	umho/cm	2.0	1
SEEP SURFACE FLOW (2507060279) Sampled on 07/05/05 06:00								
	07/12/05 18:11	278744	(EPA 314)	Perchlorate	1000	ug/l	800	200
	07/08/05 11:29	278127	(2510B/ SW9050)	Specific Conductance	5240	umho/cm	2.0	1
SF-1 (2507060280) Sampled on 07/05/05 06:00								
	07/12/05 00:00	278892	(EPA 314)	Perchlorate	ND	ug/l	4.0	2
	07/08/05 11:29	278127	(2510B/ SW9050)	Specific Conductance	8760	umho/cm	2.0	1
PC-117 (2507060281) Sampled on 07/05/05 06:00								
	07/12/05 19:02	278744	(EPA 314)	Perchlorate	11000	ug/l	2000	500
	07/08/05 11:29	278127	(2510B/ SW9050)	Specific Conductance	6170	umho/cm	2.0	1



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Laboratory
 Data Report
 #151380

Kerr McGee Chemical Company -
 Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-118 (2507060282) Sampled on 07/05/05 06:00								
	07/12/05 19:19	278744	(EPA 314)	Perchlorate	25000	ug/l	2000	500
	07/08/05 11:29	278127	(2510B/ SW9050)	Specific Conductance	7180	umho/cm	2.0	1
PC-119 (2507060283) Sampled on 07/05/05 06:00								
	07/12/05 19:36	278744	(EPA 314)	Perchlorate	21000	ug/l	2000	500
	07/08/05 11:45	278128	(2510B/ SW9050)	Specific Conductance	6890	umho/cm	2.0	1
PC-120 (2507060284) Sampled on 07/05/05 06:00								
	07/12/05 19:53	278744	(EPA 314)	Perchlorate	9000	ug/l	2000	500
	07/08/05 11:45	278128	(2510B/ SW9050)	Specific Conductance	5450	umho/cm	2.0	1
PC-121 (2507060285) Sampled on 07/05/05 06:00								
	07/12/05 20:10	278744	(EPA 314)	Perchlorate	4000	ug/l	2000	500
	07/08/05 11:45	278128	(2510B/ SW9050)	Specific Conductance	4350	umho/cm	2.0	1
PC-133 (2507060286) Sampled on 07/05/05 06:00								
	07/12/05 17:03	278744	(EPA 314)	Perchlorate	18000	ug/l	800	200
	07/08/05 11:45	278128	(2510B/ SW9050)	Specific Conductance	6780	umho/cm	2.0	1



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Laboratory
QC Summary
#151380

Kerr McGee Chemical Company -
Henderson

QC Ref #278125 - Specific Conductance

Analysis Date: 07/08/2005

2507060262	ART-1	Analyzed by: sar
2507060269	ART-2	Analyzed by: sar
2507060270	ART-3	Analyzed by: sar
2507060271	ART-4	Analyzed by: sar
2507060272	ART-5	Analyzed by: sar

QC Ref #278127 - Specific Conductance

Analysis Date: 07/08/2005

2507060279	SEEP SURFACE FLOW	Analyzed by: sar
2507060280	SF-1	Analyzed by: sar
2507060281	PC-117	Analyzed by: sar
2507060282	PC-118	Analyzed by: sar

QC Ref #278128 - Specific Conductance

Analysis Date: 07/08/2005

2507060283	PC-119	Analyzed by: sar
2507060284	PC-120	Analyzed by: sar
2507060285	PC-121	Analyzed by: sar
2507060286	PC-133	Analyzed by: sar

QC Ref #278133 - Specific Conductance

Analysis Date: 07/08/2005

2507060274	ART-7	Analyzed by: sar
2507060275	ART-8	Analyzed by: sar
2507060276	PC-99R2/R3	Analyzed by: sar
2507060277	PC-115R	Analyzed by: sar
2507060278	PC-116R	Analyzed by: sar

QC Ref #278136 - Specific Conductance

Analysis Date: 07/08/2005

2507060273	ART-6	Analyzed by: sar
------------	-------	------------------



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Laboratory
QC Summary
#151380

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #278701 - Perchlorate

Analysis Date: 07/11/2005

2507060262	ART-1	Analyzed by: bxs
2507060269	ART-2	Analyzed by: bxs
2507060270	ART-3	Analyzed by: bxs
2507060271	ART-4	Analyzed by: bxs
2507060272	ART-5	Analyzed by: bxs
2507060273	ART-6	Analyzed by: bxs
2507060274	ART-7	Analyzed by: bxs
2507060275	ART-8	Analyzed by: bxs

QC Ref #278744 - Perchlorate

Analysis Date: 07/12/2005

2507060276	PC-99R2/R3	Analyzed by: bxs
2507060277	PC-115R	Analyzed by: bxs
2507060278	PC-116R	Analyzed by: bxs
2507060279	SEEP SURFACE FLOW	Analyzed by: bxs
2507060281	PC-117	Analyzed by: bxs
2507060282	PC-118	Analyzed by: bxs
2507060283	PC-119	Analyzed by: bxs
2507060284	PC-120	Analyzed by: bxs
2507060285	PC-121	Analyzed by: bxs
2507060286	PC-133	Analyzed by: bxs

QC Ref #278892 - Perchlorate

Analysis Date: 07/12/2005

2507060280	SF-1	Analyzed by: bxs
------------	------	------------------



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Laboratory
QC Report
#151380

Kerr McGee Chemical Company -
Henderson

QC Ref #278125 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	12400	12600	UMHO		(0-20)	1.6

QC Ref #278127 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7180	7180	UMHO		(0-20)	0.0

QC Ref #278128 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	1720	1720	UMHO		(0-20)	0.0

QC Ref #278133 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7160	7110	UMHO		(0-20)	0.7

QC Ref #278136 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7180	7180	UMHO		(0-20)	0.0

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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Laboratory
QC Report
#151380

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #278701

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
LCS2	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	2.9
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23	UGL	92.0	(70-130)	
MSD	Perchlorate	25.0	23.1	UGL	92.4	(70-130)	0.43

QC Ref #278744

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS2	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	1.2
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23	UGL	92.0	(70-130)	
MSD	Perchlorate	25.0	23.7	UGL	94.8	(70-130)	3.0

QC Ref #278892

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 25	07110142	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS2	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	1.2
LCS3	Perchlorate	4	4.0	UGL	100.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23	UGL	92.0	(70-130)	
MSD	Perchlorate	25.0	23.6	UGL	94.4	(70-130)	2.6

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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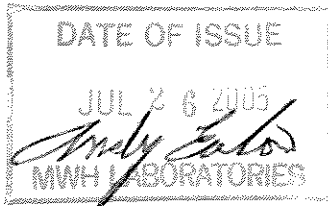
Laboratory Report

for

Kerr McGee Chemical Company - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager



Report#: 151880
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 12 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

151880

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: AC

SAMPLE TEMP, RECEIPT AT LAB: 3

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP PROJECT JOB # / P.O.#: [Blank] (check for yes)

Sampler: Gerald Smart Collection Wells Fields - Weekly - SO #12373

Michele Brown Kerr-McGee Chemical LLC PO Box 55 Henderson, NV 89009

Susan Crowley (702) 651-2200

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES										SAMPLER COMMENTS	
							Total ClO ₂	FC	Total Chrome									
0530	7/11/05		ART-1	RSW	X		X	X										SBO - 12373 & 18787
0530	7/11/05		ART-2	RSW	X		X	X										
0530	7/11/05		ART-3	RSW	X		X	X										
0530	7/11/05		ART-4	RSW	X		X	X										
0530	7/11/05		ART-5	RSW	X		X	X										
0530	7/11/05		ART-6	RSW	X		X	X										
0530	7/11/05		ART-7	RSW	X		X	X										
0530	7/11/05		ART-8	RSW	X		X	X										
0600	7/11/05		PC-99R2/R3	RSW	X		X	X										
0600	7/11/05		PC-115R	RSW	X		X	X										
0600	7/11/05		PC-116R	RSW	X		X	X										
0600	7/11/05		Seep Surface Flow	RSW	X		X	X										

* MATRIX TYPES: Reported by Volume: CFW = Chlorinated Finished Water, FW = Other Finished Water, RGW = Raw Ground Water, RSW = Raw Surface Water, CW = Chlorinated Waste Water, WW = Other Waste Water, SW = Storm Water, Reported by Weight: SO = Soil, SL = Sludge

RELINQUISHED BY: <u>Michele Brown</u>	SIGNATURE	PRINT NAME: Michele Brown	COMPANY/TITLE: Veolia Water for Kerr McGee	DATE: 7/11/2005	TIME: 12:00pm
RECEIVED BY: <u>Michele Brown</u>					
RELINQUISHED BY:					
RECEIVED BY:					



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MW/LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JJS

SAMPLE TEMP, RECEIPT AT LAB: 3°

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#
 KERRMCGEE-MP Collection Wells Fields - Monrovia - SO #2373
 Sampler Signature: Michele Brown Kerr-McGee Chemical LLC
 Susan Crowley (702) 651-2200 PO Box 55
 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	Total ClO ₂	Total Chrome	SAMPLER COMMENTS
6:00	7/11/05		SF-1	RSW	X		X		
6:00	7/11/05		PC-117	RSW	X		X		
6:00	7/11/05		PC-118	RSW	X		X		
6:00	7/11/05		PC-119	RSW	X		X		
6:00	7/11/05		PC-120	RSW	X		X		
6:00	7/11/05		PC-121	RSW	X		X		
6:00	7/11/05		PC-133	RSW	X		X		

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water

RGW = Raw Ground Water
RSW = Raw Surface Water

CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

Reported by Weight:

SO = Soil
SL = Sludge

RELINQUISHED BY: Michele Brown SIGNATURE
 RECEIVED BY: Joe Sanchez SIGNATURE
 RELINQUISHED BY: _____
 RECEIVED BY: _____

DATE: 7/11/2005
 TIME: 1200pm

COMPANY/TITLE: Vecilia Water for Kerr McGee
 PRINT NAME: Michele Brown



MWH Laboratories, a Division of MWH Americas, Inc.
 750 Royal Oaks Avenue Suite 100
 Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Kerr McGee Chemical Company - Henderson Standing

Andrew Eaton Your MWL Project Manager
 (626) 386-1125 Direct Phone/Voice Mail

Client Code KERRMCGEE-MP
 Project Code CLO4
 PO# / Job# GWREMEDIATION
 Blanket PO

SO# 24830 12373 RS

Sampler: Please Return this Paper with your samples

Created by **EEF**

Order Date

06/13/05

Date Needed by Client

Ship Sample Kits to
 Kerr McGee-Veolia Water
 Gate 1
 8000 West Lake Mead Drive
 Henderson, NV 89015

Send Report to
 Kerr McGee Henderson Plant
 P.O. Box 55
 Henderson, NV 89009

Billing Address
 KMC LLC
 attn: Contract 304280
 P.O. Box 3049
 Livonia, MI 48150

Date Samples to Arrive at MWL

ATTN: Susan Crowley
 PHONE: 702-651-2234

ATTN: Susan Crowley
 PHONE: 702-651-2234
 FAX: 702-651-2310

Quote#

EEF

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
30	CLO4, EC	1 125ml poly /no preservative	-	These sites are weekly through end of 2003
-	SHEET OF LABELS WITH WELL-IDS	see comments section	-	PC-117, PC-118, PC-119, PC-120, and PC-121
-			-	PC-116R
-			-	PC-99R2
-			-	PC-99R3
-			-	PC-115R
-			-	ART-1
-			-	ART-2
-			-	ART-3
-			-	ART-4
-			-	ART-5
-			-	ART-6
-			-	ART-7
-			-	ART-8
-			-	Seep Surface Flow
-			-	SF-1"
-			-	Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on
-			-	EXTRA BOTTLES INCLUDED
-			-	client code changed 7/25/03

ActiveCode Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

SCANNED



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Report
Comments
#151880

Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____



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Laboratory
Hits Report
#151880

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
12-jul-2005 20:49:04

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507120533	ART-1				
07/19/05	Perchlorate		71		ug/l	20
07/14/05	Specific Conductance		10200		umho/cm	2.0
	2507120535	ART-2				
07/19/05	Perchlorate		150000		ug/l	20000
07/14/05	Specific Conductance		14300		umho/cm	2.0
	2507120536	ART-3				
07/19/05	Perchlorate		460000		ug/l	40000
07/14/05	Specific Conductance		10800		umho/cm	2.0
	2507120537	ART-4				
07/19/05	Perchlorate		400000		ug/l	40000
07/14/05	Specific Conductance		7800		umho/cm	2.0
	2507120538	ART-5				
07/19/05	Perchlorate		110000		ug/l	20000
07/14/05	Specific Conductance		12000		umho/cm	2.0
	2507120539	ART-6				
07/19/05	Perchlorate		310000		ug/l	20000
07/14/05	Specific Conductance		8920		umho/cm	2.0
	2507120540	ART-7				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#151880

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
12-jul-2005 20:49:04

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507120540	ART-7				
07/19/05	Perchlorate		100000		ug/l	20000
07/14/05	Specific Conductance		13800		umho/cm	2.0
	2507120541	ART-8				
07/19/05	Perchlorate		420000		ug/l	40000
07/14/05	Specific Conductance		13400		umho/cm	2.0
	2507120542	PC-99R2/R3				
07/19/05	Perchlorate		23000		ug/l	2000
07/14/05	Specific Conductance		6290		umho/cm	2.0
	2507120543	PC-115R				
07/19/05	Perchlorate		26000		ug/l	2000
07/14/05	Specific Conductance		6670		umho/cm	2.0
	2507120544	PC-116R				
07/19/05	Perchlorate		17000		ug/l	2000
07/14/05	Specific Conductance		6690		umho/cm	2.0
	2507120545	SEEP SURFACE FLOW				
07/20/05	Perchlorate		1000		ug/l	80
07/14/05	Specific Conductance		5170		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#151880

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
12-jul-2005 20:49:04

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507120546	SF-1				
	2507120546	SF-1				
07/14/05	Specific Conductance		8690		umho/cm	2.0
	2507120547	PC-117				
07/19/05	Perchlorate		12000		ug/l	2000
07/14/05	Specific Conductance		6100		umho/cm	2.0
	2507120548	PC-118				
07/19/05	Perchlorate		25000		ug/l	2000
07/14/05	Specific Conductance		7090		umho/cm	2.0
	2507120549	PC-119				
07/19/05	Perchlorate		21000		ug/l	2000
07/14/05	Specific Conductance		6830		umho/cm	2.0
	2507120550	PC-120				
07/19/05	Perchlorate		10000		ug/l	2000
07/14/05	Specific Conductance		5460		umho/cm	2.0
	2507120551	PC-121				
07/20/05	Perchlorate		4000		ug/l	400
07/14/05	Specific Conductance		4340		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#151880

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received

12-jul-2005 20:49:04

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507120551	PC-121				
	2507120552	PC-133				
07/20/05	Perchlorate		18000		ug/l	2000
07/14/05	Specific Conductance		6580		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Data Report
#151880

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
07/12/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2507120533) Sampled on 07/11/05 05:30								
	07/19/05 16:40	279797	(EPA 314	) Perchlorate	71	ug/l	20	5
	07/14/05 09:21	278926	(2510B/ SW9050	) Specific Conductance	10200	umho/cm	2.0	1
ART-2 (2507120535) Sampled on 07/11/05 05:30								
	07/19/05 16:57	279797	(EPA 314	) Perchlorate	150000	ug/l	20000	5000
	07/14/05 09:21	278926	(2510B/ SW9050	) Specific Conductance	14300	umho/cm	2.0	1
ART-3 (2507120536) Sampled on 07/11/05 05:30								
	07/19/05 17:14	279797	(EPA 314	) Perchlorate	460000	ug/l	40000	10000
	07/14/05 09:21	278926	(2510B/ SW9050	) Specific Conductance	10800	umho/cm	2.0	1
ART-4 (2507120537) Sampled on 07/11/05 05:30								
	07/19/05 17:31	279797	(EPA 314	) Perchlorate	400000	ug/l	40000	10000
	07/14/05 09:21	278926	(2510B/ SW9050	) Specific Conductance	7800	umho/cm	2.0	1
ART-5 (2507120538) Sampled on 07/11/05 05:30								
	07/19/05 17:48	279797	(EPA 314	) Perchlorate	110000	ug/l	20000	5000
	07/14/05 09:21	278926	(2510B/ SW9050	) Specific Conductance	12000	umho/cm	2.0	1
ART-6 (2507120539) Sampled on 07/11/05 05:30								
	07/19/05 18:05	279797	(EPA 314	) Perchlorate	310000	ug/l	20000	5000
	07/14/05 09:21	278926	(2510B/ SW9050	) Specific Conductance	8920	umho/cm	2.0	1
ART-7 (2507120540) Sampled on 07/11/05 05:30								
	07/19/05 18:22	279797	(EPA 314	) Perchlorate	100000	ug/l	20000	5000
	07/14/05 09:21	278926	(2510B/ SW9050) Specific Conductance	13800	umho/cm	2.0	1



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Laboratory
Data Report
#151880

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2507120541) Sampled on 07/11/05 05:30								
	07/19/05 18:56	279797	(EPA 314	) Perchlorate	420000	ug/l	40000	10000
	07/14/05 09:21	278926	(2510B/ SW9050	) Specific Conductance	13400	umho/cm	2.0	1
PC-99R2/R3 (2507120542) Sampled on 07/11/05 06:00								
	07/19/05 19:13	279797	(EPA 314	) Perchlorate	23000	ug/l	2000	500
	07/14/05 09:37	278927	(2510B/ SW9050	) Specific Conductance	6290	umho/cm	2.0	1
PC-115R (2507120543) Sampled on 07/11/05 06:00								
	07/19/05 19:30	279797	(EPA 314	) Perchlorate	26000	ug/l	2000	500
	07/14/05 09:37	278927	(2510B/ SW9050	) Specific Conductance	6670	umho/cm	2.0	1
PC-116R (2507120544) Sampled on 07/11/05 06:00								
	07/19/05 19:47	279797	(EPA 314	) Perchlorate	17000	ug/l	2000	500
	07/14/05 09:37	278927	(2510B/ SW9050	) Specific Conductance	6690	umho/cm	2.0	1
SEEP SURFACE FLOW (2507120545) Sampled on 07/11/05 06:00								
	07/20/05 19:55	279823	(EPA 314	) Perchlorate	1000	ug/l	80	20
	07/14/05 09:37	278927	(2510B/ SW9050	) Specific Conductance	5170	umho/cm	2.0	1
SF-1 (2507120546) Sampled on 07/11/05 06:00								
	07/19/05 00:00	280131	(EPA 314	) Perchlorate	ND	ug/l	4.0	2
	07/14/05 09:37	278927	(2510B/ SW9050	) Specific Conductance	8690	umho/cm	2.0	1
PC-117 (2507120547) Sampled on 07/11/05 06:00								
	07/19/05 20:38	279797	(EPA 314) Perchlorate	12000	ug/l	2000	500
	07/14/05 09:37	278927	(2510B/ SW9050) Specific Conductance	6100	umho/cm	2.0	1



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Laboratory
 Data Report
 #151880

Kerr McGee Chemical Company -
 Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-118 (2507120548) Sampled on 07/11/05 06:00								
	07/19/05 20:55	279797	(EPA 314	) Perchlorate	25000	ug/l	2000	500
	07/14/05 09:37	278927	(2510B/ SW9050	) Specific Conductance	7090	umho/cm	2.0	1
PC-119 (2507120549) Sampled on 07/11/05 06:00								
	07/19/05 21:12	279797	(EPA 314	) Perchlorate	21000	ug/l	2000	500
	07/14/05 09:37	278927	(2510B/ SW9050	) Specific Conductance	6830	umho/cm	2.0	1
PC-120 (2507120550) Sampled on 07/11/05 06:00								
	07/19/05 21:29	279797	(EPA 314	) Perchlorate	10000	ug/l	2000	500
	07/14/05 09:37	278927	(2510B/ SW9050	) Specific Conductance	5460	umho/cm	2.0	1
PC-121 (2507120551) Sampled on 07/11/05 06:00								
	07/20/05 21:04	279823	(EPA 314	) Perchlorate	4000	ug/l	400	100
	07/14/05 09:37	278927	(2510B/ SW9050	) Specific Conductance	4340	umho/cm	2.0	1
PC-133 (2507120552) Sampled on 07/11/05 06:00								
	07/20/05 15:06	279823	(EPA 314) Perchlorate	18000	ug/l	2000	500
	07/14/05 09:52	278928	(2510B/ SW9050) Specific Conductance	6580	umho/cm	2.0	1



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Laboratory
QC Summary
#151880

Kerr McGee Chemical Company -
Henderson

QC Ref #278926 - Specific Conductance

Analysis Date: 07/14/2005

2507120533	ART-1	Analyzed by: sar
2507120535	ART-2	Analyzed by: sar
2507120536	ART-3	Analyzed by: sar
2507120537	ART-4	Analyzed by: sar
2507120538	ART-5	Analyzed by: sar
2507120539	ART-6	Analyzed by: sar
2507120540	ART-7	Analyzed by: sar
2507120541	ART-8	Analyzed by: sar

QC Ref #278927 - Specific Conductance

Analysis Date: 07/14/2005

2507120542	PC-99R2/R3	Analyzed by: sar
2507120543	PC-115R	Analyzed by: sar
2507120544	PC-116R	Analyzed by: sar
2507120545	SEEP SURFACE FLOW	Analyzed by: sar
2507120546	SF-1	Analyzed by: sar
2507120547	PC-117	Analyzed by: sar
2507120548	PC-118	Analyzed by: sar
2507120549	PC-119	Analyzed by: sar
2507120550	PC-120	Analyzed by: sar
2507120551	PC-121	Analyzed by: sar

QC Ref #278928 - Specific Conductance

Analysis Date: 07/14/2005

2507120552	PC-133	Analyzed by: sar
------------	--------	------------------

QC Ref #279797 - Perchlorate

Analysis Date: 07/19/2005

2507120533	ART-1	Analyzed by: bxs
2507120535	ART-2	Analyzed by: bxs
2507120536	ART-3	Analyzed by: bxs
2507120537	ART-4	Analyzed by: bxs
2507120538	ART-5	Analyzed by: bxs
2507120539	ART-6	Analyzed by: bxs
2507120540	ART-7	Analyzed by: bxs
2507120541	ART-8	Analyzed by: bxs
2507120542	PC-99R2/R3	Analyzed by: bxs
2507120543	PC-115R	Analyzed by: bxs
2507120544	PC-116R	Analyzed by: bxs



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Laboratory
QC Summary
#151880

Kerr McGee Chemical Company -
Henderson
(continued)

2507120547	PC-117	Analyzed by: bxs
2507120548	PC-118	Analyzed by: bxs
2507120549	PC-119	Analyzed by: bxs
2507120550	PC-120	Analyzed by: bxs

QC Ref #279823 - Perchlorate

Analysis Date: 07/20/2005

2507120545	SEEP SURFACE FLOW	Analyzed by: bxs
2507120551	PC-121	Analyzed by: bxs
2507120552	PC-133	Analyzed by: bxs

QC Ref #280131 - Perchlorate

Analysis Date: 07/19/2005

2507120546	SF-1	Analyzed by: bxs
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Laboratory
QC Report
#151880

Kerr McGee Chemical Company -
Henderson

QC Ref #278926 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	13400	13400	UMHO		(0-20)	0.0

QC Ref #278927 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	4340	4270	UMHO		(0-20)	1.6

QC Ref #278928 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	573	578	UMHO		(0-20)	0.9

QC Ref #279797 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS2	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	1.6
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.5	UGL	98.0	(70-130)	
MSD	Perchlorate	25.0	24.6	UGL	98.4	(70-130)	0.41

QC Ref #279823 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS2	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	0.82
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.2	UGL	104.8	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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Laboratory
QC Report
#151880

Kerr McGee Chemical Company -
Henderson
(continued)

MSD Perchlorate 25.0 25.4 UGL 101.6 (70-130) 3.1

QC Ref #280131 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 25	07120438	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS2	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	1.6
LCS3	Perchlorate	4	4.4	UGL	110.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.5	UGL	98.0	(70-130)	
MSD	Perchlorate	25.0	24.6	UGL	98.4	(70-130)	0.41

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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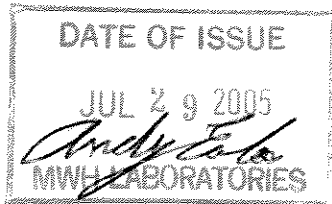
Laboratory Report

for

Kerr McGee Chemical Company - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager



Report#: 152354
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 12 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

LABS USE ONLY:
LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: DC

SAMPLE TEMP, RECEIPT AT LAB: 20

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)		SAMPLER COMMENTS	
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	Total ClO ₂	Total Chrome	
0530	7/18/05		ART-1	RSW	X		X		SBO - 12373 & 18787
0530	7/18/05		ART-2	RSW	X		X		
0530	7/18/05		ART-3	RSW	X		X		
0530	7/18/05		ART-4	RSW	X		X		
0530	7/18/05		ART-5	RSW	X		X		
0530	7/18/05		ART-6	RSW	X		X		
0530	7/18/05		ART-7	RSW	X		X		
0530	7/18/05		ART-8	RSW	X		X		
0600	7/18/05		PC-99R2/R3	RSW	X		X		
0600	7/18/05		PC-115R	RSW	X		X		
0600	7/18/05		PC-116R	RSW	X		X		
0600	7/18/05		Seep Surface Flow	RSW	X		X		

* MATRIX TYPES:

Reported by Volume:

CFW = Chlorinated Finished Water
FW = Other Finished Water

RGW = Raw Ground Water
RSW = Raw Surface Water

CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

Reported by Weight:

SO = Soil
SL = Sludge

RELINQUISHED BY: <u>Michele Brown</u>	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY:		Michele Brown	Veolia Water for Kerr McGee	7/18/2005	1200pm
RELINQUISHED BY:		<u>M. Brown</u>	MWH	7/19/05	11:10
RECEIVED BY:					



750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: *[Signature]*

SAMPLE TEMP, RECEIPT AT LAB: *[Signature]*

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: **KERRMCGEE-MP** PROJECT JOB # / P.O.#: _____ (check for yes)

Collection Wells Fields - Monthly - SO # 2373
 ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	Total ClO ₂	Total Chrome	SAMPLER COMMENTS
6:00	7/18/05		SF-1	RSW	X		X		
6:00	7/18/05		PC-117	RSW	X		X		
6:00	7/18/05		PC-118	RSW	X		X		
6:00	7/18/05		PC-119	RSW	X		X		
6:00	7/18/05		PC-120	RSW	X		X		
6:00	7/18/05		PC-121	RSW	X		X		
6:00	7/18/05		PC-133	RSW	X		X		

* MATRIX TYPES: Reported by Volume: CFW = Chlor(am)inated Finished Water, FW = Other Finished Water
 Reported by Weight: SO = Soil, SL = Sludge
 RGW = Raw Ground Water, CWW = Chlorinated Waste Water
 RSW = Raw Surface Water, WW = Other Waste Water
 SW = Storm Water

RELINQUISHED BY: *[Signature]* SIGNATURE: *[Signature]* PRINT NAME: Michele Brown
 RECEIVED BY: *[Signature]* SIGNATURE: *[Signature]* PRINT NAME: Michele Brown
 RELINQUISHED BY: *[Signature]* SIGNATURE: *[Signature]* PRINT NAME: MWH
 RECEIVED BY: *[Signature]* SIGNATURE: *[Signature]* PRINT NAME: MWH

DATE: 7/18/2005 TIME: 12:00pm



MWH Laboratories, a Division of MWH Americas, Inc.
750 Royal Oaks Avenue Suite 100
Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Kerr McGee Chemical Company - Henderson Standing

Andrew Eaton Your MWL Project Manager
(626) 386-1125 Direct Phone/Voice Mail

Client Code KERRMCGEE-MP
Project Code CLO4
PO# / Job# GWREMEDIATION
Blanket PO

SO# 24899 12373 RS

Sampler: Please Return this Paper with your samples

0

Created by

Order Date

06/20/05

Date Needed
by Client

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to

Kerr McGee Henderson Plant
P.O. Box 55
Henderson, NV 89009

Billing Address

KMCLLC
attn: Contract 304280
P.O. Box 3049
Livonia, MI 48150

ATTN: Susan Crowley
PHONE: 702-651-2234

ATTN: Susan Crowley
PHONE: 702-651-2234
FAX: 702-651-2310

Quote#

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

30	CLO4, EC	1	125ml poly /no preservative	-					
	SHEET OF LABELS WITH WELL-IDS		see comments section	-					
				-					
				-					
				-					
				-					
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				-					
				-					
				-					
				-					

These sites are weekly through
end of 2003

PC-117, PC-118, PC-119,
PC-120, and PC-121

PC-116R
PC-99R2
PC-99R3
PC-115R

ART-1
ART-2
ART-3
ART-4
ART-5
ART-6
ART-7
ART-8

Seep Surface Flow
SF-1*

Do NOT prelabel bottles with site,
but provide pre-printed labels for
client to stick on

EXTRA BOTTLES INCLUDED

client code changed 7/25/03

Prepared By

Tracking Number

Carrier

Date Shipped

Status

ActiveCode





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Report
Comments
#152354

Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____



750 Royal Oaks Drive, Suite 100
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Laboratory
 Hits Report
 #152354

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 19-jul-2005 16:45:49

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507190177	ART-1				
07/26/05	Perchlorate		77		ug/l	20
07/20/05	Specific Conductance		9400		umho/cm	2.0
	2507190182	ART-2				
07/26/05	Perchlorate		140000		ug/l	20000
07/20/05	Specific Conductance		13300		umho/cm	2.0
	2507190183	ART-3				
07/26/05	Perchlorate		460000		ug/l	40000
07/20/05	Specific Conductance		9980		umho/cm	2.0
	2507190184	ART-4				
07/26/05	Perchlorate		400000		ug/l	40000
07/20/05	Specific Conductance		7200		umho/cm	2.0
	2507190185	ART-5				
07/26/05	Perchlorate		120000		ug/l	20000
07/20/05	Specific Conductance		11100		umho/cm	2.0
	2507190186	ART-6				
07/27/05	Perchlorate		300000		ug/l	20000
07/20/05	Specific Conductance		8320		umho/cm	2.0
	2507190187	ART-7				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#152354

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
19-jul-2005 16:45:49

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507190187	ART-7				
07/27/05	Perchlorate		90000		ug/l	20000
07/20/05	Specific Conductance		12700		umho/cm	2.0
	2507190188	ART-8				
07/27/05	Perchlorate		440000		ug/l	40000
07/20/05	Specific Conductance		12600		umho/cm	2.0
	2507190189	PC-99R2/R3				
07/27/05	Perchlorate		23000		ug/l	2000
07/20/05	Specific Conductance		6030		umho/cm	2.0
	2507190190	PC-115R				
07/27/05	Perchlorate		27000		ug/l	2000
07/20/05	Specific Conductance		6200		umho/cm	2.0
	2507190191	PC-116R				
07/27/05	Perchlorate		17000		ug/l	2000
07/20/05	Specific Conductance		6220		umho/cm	2.0
	2507190192	SEEP SURFACE FLOW				
07/27/05	Perchlorate		6000		ug/l	800
07/20/05	Specific Conductance		5390		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #152354

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 19-jul-2005 16:45:49

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507190193	SF-1				
	2507190193	SF-1				
07/20/05	Specific Conductance		8270		umho/cm	2.0
	2507190194	PC-117				
07/27/05	Perchlorate		13000		ug/l	2000
07/20/05	Specific Conductance		5920		umho/cm	2.0
	2507190195	PC-118				
07/27/05	Perchlorate		26000		ug/l	2000
07/20/05	Specific Conductance		6670		umho/cm	2.0
	2507190196	PC-119				
07/27/05	Perchlorate		23000		ug/l	2000
07/20/05	Specific Conductance		6610		umho/cm	2.0
	2507190197	PC-120				
07/27/05	Perchlorate		12000		ug/l	2000
07/20/05	Specific Conductance		5490		umho/cm	2.0
	2507190198	PC-121				
07/27/05	Perchlorate		5000		ug/l	2000
07/20/05	Specific Conductance		4330		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#152354

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
19-jul-2005 16:45:49

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507190198	PC-121				
	2507190199	PC-133				
07/27/05	Perchlorate		17000		ug/l	800
07/20/05	Specific Conductance		6420		umho/cm	2.0



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Laboratory
Data Report
#152354

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
07/19/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2507190177) Sampled on 07/18/05 05:30								
	07/26/05 17:19	280530	(EPA 314	) Perchlorate	77	ug/l	20	5
	07/20/05 14:44	279651	(2510B/ SW9050	) Specific Conductance	9400	umho/cm	2.0	1
ART-2 (2507190182) Sampled on 07/18/05 05:30								
	07/26/05 17:36	280530	(EPA 314	) Perchlorate	140000	ug/l	20000	5000
	07/20/05 14:44	279651	(2510B/ SW9050	) Specific Conductance	13300	umho/cm	2.0	1
ART-3 (2507190183) Sampled on 07/18/05 05:30								
	07/26/05 17:53	280530	(EPA 314	) Perchlorate	460000	ug/l	40000	10000
	07/20/05 14:44	279651	(2510B/ SW9050	) Specific Conductance	9980	umho/cm	2.0	1
ART-4 (2507190184) Sampled on 07/18/05 05:30								
	07/26/05 18:10	280530	(EPA 314	) Perchlorate	400000	ug/l	40000	10000
	07/20/05 14:44	279651	(2510B/ SW9050	) Specific Conductance	7200	umho/cm	2.0	1
ART-5 (2507190185) Sampled on 07/18/05 05:30								
	07/26/05 18:27	280530	(EPA 314	) Perchlorate	120000	ug/l	20000	5000
	07/20/05 14:44	279651	(2510B/ SW9050	) Specific Conductance	11100	umho/cm	2.0	1
ART-6 (2507190186) Sampled on 07/18/05 05:30								
	07/27/05 13:47	280735	(EPA 314	) Perchlorate	300000	ug/l	20000	5000
	07/20/05 15:00	279652	(2510B/ SW9050	) Specific Conductance	8320	umho/cm	2.0	1
ART-7 (2507190187) Sampled on 07/18/05 05:30								
	07/27/05 14:04	280735	(EPA 314	) Perchlorate	90000	ug/l	20000	5000
	07/20/05 15:00	279652	(2510B/ SW9050) Specific Conductance	12700	umho/cm	2.0	1



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Laboratory
Data Report
#152354

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2507190188) Sampled on 07/18/05 05:30								
	07/27/05 14:21	280735	(EPA 314	) Perchlorate	440000	ug/l	40000	10000
	07/20/05 15:00	279652	(2510B/ SW9050)	Specific Conductance	12600	umho/cm	2.0	1
PC-99R2/R3 (2507190189) Sampled on 07/18/05 06:00								
	07/27/05 14:38	280735	(EPA 314	) Perchlorate	23000	ug/l	2000	500
	07/20/05 15:00	279652	(2510B/ SW9050)	Specific Conductance	6030	umho/cm	2.0	1
PC-115R (2507190190) Sampled on 07/18/05 06:00								
	07/27/05 14:55	280735	(EPA 314	) Perchlorate	27000	ug/l	2000	500
	07/20/05 15:00	279652	(2510B/ SW9050)	Specific Conductance	6200	umho/cm	2.0	1
PC-116R (2507190191) Sampled on 07/18/05 06:00								
	07/27/05 15:12	280735	(EPA 314	) Perchlorate	17000	ug/l	2000	500
	07/20/05 15:00	279652	(2510B/ SW9050)	Specific Conductance	6220	umho/cm	2.0	1
SEEP SURFACE FLOW (2507190192) Sampled on 07/18/05 06:00								
	07/27/05 15:29	280735	(EPA 314	) Perchlorate	6000	ug/l	800	200
	07/20/05 15:00	279652	(2510B/ SW9050)	Specific Conductance	5390	umho/cm	2.0	1
SF-1 (2507190193) Sampled on 07/18/05 06:00								
	07/27/05 00:00	280736	(EPA 314	) Perchlorate	ND	ug/l	4.0	2
	07/20/05 15:00	279652	(2510B/ SW9050)	Specific Conductance	8270	umho/cm	2.0	1
PC-117 (2507190194) Sampled on 07/18/05 06:00								
	07/27/05 17:28	280735	(EPA 314) Perchlorate	13000	ug/l	2000	500
	07/20/05 15:00	279652	(2510B/ SW9050)	Specific Conductance	5920	umho/cm	2.0	1



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Laboratory
Data Report
#152354

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-118 (2507190195) Sampled on 07/18/05 06:00								
	07/27/05 17:45	280735	(EPA 314	) Perchlorate	26000	ug/l	2000	500
	07/20/05 15:00	279652	(2510B/ SW9050)	Specific Conductance	6670	umho/cm	2.0	1
PC-119 (2507190196) Sampled on 07/18/05 06:00								
	07/27/05 18:02	280735	(EPA 314	) Perchlorate	23000	ug/l	2000	500
	07/20/05 15:15	279653	(2510B/ SW9050)	Specific Conductance	6610	umho/cm	2.0	1
PC-120 (2507190197) Sampled on 07/18/05 06:00								
	07/27/05 18:19	280735	(EPA 314	) Perchlorate	12000	ug/l	2000	500
	07/20/05 15:15	279653	(2510B/ SW9050)	Specific Conductance	5490	umho/cm	2.0	1
PC-121 (2507190198) Sampled on 07/18/05 06:00								
	07/27/05 18:36	280735	(EPA 314	) Perchlorate	5000	ug/l	2000	500
	07/20/05 15:15	279653	(2510B/ SW9050)	Specific Conductance	4330	umho/cm	2.0	1
PC-133 (2507190199) Sampled on 07/18/05 06:00								
	07/27/05 17:11	280735	(EPA 314	) Perchlorate	17000	ug/l	800	200
	07/20/05 15:15	279653	(2510B/ SW9050)	Specific Conductance	6420	umho/cm	2.0	1



MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
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1 800 566 LABS (1 800 566 5227)

Laboratory
QC Summary
#152354

Kerr McGee Chemical Company -
Henderson

QC Ref #279651 - Specific Conductance

Analysis Date: 07/20/2005

2507190177	ART-1	Analyzed by: sar
2507190182	ART-2	Analyzed by: sar
2507190183	ART-3	Analyzed by: sar
2507190184	ART-4	Analyzed by: sar
2507190185	ART-5	Analyzed by: sar

QC Ref #279652 - Specific Conductance

Analysis Date: 07/20/2005

2507190186	ART-6	Analyzed by: sar
2507190187	ART-7	Analyzed by: sar
2507190188	ART-8	Analyzed by: sar
2507190189	PC-99R2/R3	Analyzed by: sar
2507190190	PC-115R	Analyzed by: sar
2507190191	PC-116R	Analyzed by: sar
2507190192	SEEP SURFACE FLOW	Analyzed by: sar
2507190193	SF-1	Analyzed by: sar
2507190194	PC-117	Analyzed by: sar
2507190195	PC-118	Analyzed by: sar

QC Ref #279653 - Specific Conductance

Analysis Date: 07/20/2005

2507190196	PC-119	Analyzed by: sar
2507190197	PC-120	Analyzed by: sar
2507190198	PC-121	Analyzed by: sar
2507190199	PC-133	Analyzed by: sar

QC Ref #280530 - Perchlorate

Analysis Date: 07/26/2005

2507190177	ART-1	Analyzed by: bxs
2507190182	ART-2	Analyzed by: bxs
2507190183	ART-3	Analyzed by: bxs
2507190184	ART-4	Analyzed by: bxs
2507190185	ART-5	Analyzed by: bxs



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Laboratory
QC Summary
#152354

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #280735 - Perchlorate

Analysis Date: 07/27/2005

2507190186	ART-6	Analyzed by: bxs
2507190187	ART-7	Analyzed by: bxs
2507190188	ART-8	Analyzed by: bxs
2507190189	PC-99R2/R3	Analyzed by: bxs
2507190190	PC-115R	Analyzed by: bxs
2507190191	PC-116R	Analyzed by: bxs
2507190192	SEEP SURFACE FLOW	Analyzed by: bxs
2507190194	PC-117	Analyzed by: bxs
2507190195	PC-118	Analyzed by: bxs
2507190196	PC-119	Analyzed by: bxs
2507190197	PC-120	Analyzed by: bxs
2507190198	PC-121	Analyzed by: bxs
2507190199	PC-133	Analyzed by: bxs

QC Ref #280736 - Perchlorate

Analysis Date: 07/27/2005

2507190193	SF-1	Analyzed by: bxs
------------	------	------------------



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Laboratory
QC Report
#152354

Kerr McGee Chemical Company -
Henderson

QC Ref #279651 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	11100	11200	UMHO		(0-20)	0.9

QC Ref #279652 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6670	6700	UMHO		(0-20)	0.4

QC Ref #279653 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	739	740	UMHO		(0-20)	0.1

QC Ref #280530 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.9	UGL	99.6	(85-115)	
LCS2	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	0.81
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.8	UGL	99.2	(70-130)	
MSD	Perchlorate	25.0	24.4	UGL	97.6	(70-130)	1.6

QC Ref #280735 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS2	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	0.81
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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Laboratory
QC Report
#152354

Kerr McGee Chemical Company -
Henderson
(continued)

MSD	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	3.3
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QC Ref #280736 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 25	07210249	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS2	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	0.81
LCS3	Perchlorate	4	4.3	UGL	107.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	
MSD	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	3.3

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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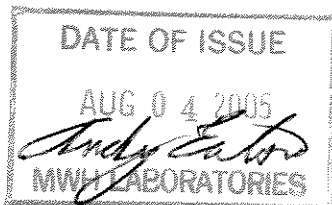
Laboratory Report

for

Kerr McGee Chemical Company - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager



Report#: 152941
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 12 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

152941

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

MVLABS USE ONLY:

SAMPLES CHECKED/LOGGED IN BY: MM

SAMPLE TEMP, RECEIPT AT LAB: 30

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES		
KERRMCGEE-MP Michele Brown Susan Crowley (702) 651-2200		Collection Wells Fields - Weekly - SO #12373 Kerr-McGee Chemical LLC PO Box 55 Henderson, NV 89009		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)		
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	COMP	SAMPLER COMMENTS
0530	7/25/05		ART-1	RSW	X	
0530	7/25/05		ART-2	RSW	X	
0530	7/25/05		ART-3	RSW	X	
0530	7/25/05		ART-4	RSW	X	
0530	7/25/05		ART-5	RSW	X	
0530	7/25/05		ART-6	RSW	X	
0530	7/25/05		ART-7	RSW	X	
0530	7/25/05		ART-8	RSW	X	
0600	7/25/05		PC-99R2/R3	RSW	X	
0600	7/25/05		PC-115R	RSW	X	
0600	7/25/05		PC-116R	RSW	X	
0600	7/25/05		Seep Surface Flow	RSW	X	

Reported by Volume:
CFW = Chlor(am)inated Finished Water
FW = Other Finished Water

Reported by Weight:
CWV = Chlorinated Waste Water
VW = Other Waste Water
SW = Storm Water

Reported by Volume:
RGW = Raw Ground Water
RSW = Raw Surface Water

RELINQUISHED BY: <u>Michele Brown</u>	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY: <u>MATTHEW VASQUEZ</u>		Michele Brown	Veolia Water for Kerr McGee	7/25/2005	1200pm
RELINQUISHED BY:					
RECEIVED BY:					



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(626) 386-1100 (800) 566-5227

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: AW

SAMPLE TEMP, RECEIPT AT LAB: 3

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES (check for yes)

COMPANY / PROJECT NAME PROJECT JOB # / P.O.#
KERRMCGEE-MP Collection Wells Fields - Monthly - SO #12373

Sampler Signature: Michele Brown Kerr-McGee Chemical LLC
Susan Crowley (702) 651-2200 PO Box 55
Henderson, NV 89009

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	Total ClO ₂	Total Chrome	SAMPLER COMMENTS
6:00	7/25/05		SF-1	RSW	X		X		
6:00	7/25/05		PC-117	RSW	X		X		
6:00	7/25/05		PC-118	RSW	X		X		
6:00	7/25/05		PC-119	RSW	X		X		
6:00	7/25/05		PC-120	RSW	X		X		
6:00	7/25/05		PC-121	RSW	X		X		
6:00	7/25/05		PC-133	RSW	X		X		

* MATRIX TYPES:

Reported by Volume:
CFW = Chlorinated Finished Water
FW = Other Finished Water

Reported by Weight:
SO = Soil
SL = Sludge

RGW = Raw Ground Water
RSW = Raw Surface Water
CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

RELINQUISHED BY: <u>Michele Brown</u>	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY: <u>Susan Crowley</u>		Michele Brown	Veolia Water for Kerr McGee	7/25/2005	1200pm
RELINQUISHED BY:		<u>Michele Brown</u>		<u>7/26/05</u>	<u>10:00</u>
RECEIVED BY:					



MWH Laboratories, a Division of MWH Americas, Inc.
750 Royal Oaks Avenue Suite 100
Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Kerr McGee Chemical Company - Henderson

Client Code KERRMCGEE-MP W Weekly
Project Code CLO4 Week 1
PO# / Job# GWREMEDIATION
Blanket PO

Andrew Eaton, Your MWL Project Manager
(626) 386-1125 Direct Phone/Voice Mail

SO# 24973 12373 RS

Sampler: Please Return this Paper with your samples

Created by EEF
Order Date 06/27/05

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Billing Address
KMC, LLC
attn: Contract 304280
P.O. Box 3049
Livonia, MI 48150

ATTN: Susan Crowley
PHONE: 702-651-2234

ATTN: Susan Crowley
PHONE: 702-651-2234
FAX: 702-651-2310

Quote#

EEF

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
30	CLO4, EC	1 125ml poly /no preservative		These sites are weekly through end of 2003
	SHEET OF LABELS WITH WELL-IDS	see comments section		
				PC-117, PC-118, PC-119,
				PC-120, and PC-121
				PC-116R
				PC-99R2
				PC-99R3
				PC-115R
				ART-1
				ART-2
				ART-3
				ART-4
				ART-5
				ART-6
				ART-7
				ART-8
				Seep Surface Flow
				SF-1"
				Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on
				EXTRA BOTTLES INCLUDED
				client code changed 7/25/03

ActiveCode Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

SCANNED



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Report
Comments
#152941

Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____



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Laboratory
 Hits Report
 #152941

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 26-jul-2005 21:48:11

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507260555	ART-1				
07/29/05	Perchlorate		71		ug/l	20
07/27/05	Specific Conductance		9840		umho/cm	2.0
	2507260557	ART-2				
07/29/05	Perchlorate		150000		ug/l	20000
07/27/05	Specific Conductance		13800		umho/cm	2.0
	2507260558	ART-3				
07/29/05	Perchlorate		440000		ug/l	40000
07/27/05	Specific Conductance		10400		umho/cm	2.0
	2507260559	ART-4				
07/29/05	Perchlorate		400000		ug/l	40000
07/27/05	Specific Conductance		7590		umho/cm	2.0
	2507260560	ART-5				
07/29/05	Perchlorate		110000		ug/l	20000
07/27/05	Specific Conductance		11500		umho/cm	2.0
	2507260561	ART-6				
07/29/05	Perchlorate		290000		ug/l	20000
07/27/05	Specific Conductance		8670		umho/cm	2.0
	2507260562	ART-7				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #152941

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 26-jul-2005 21:48:11

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507260562	ART-7				
07/29/05	Perchlorate		97000		ug/l	20000
07/27/05	Specific Conductance		13300		umho/cm	2.0
	2507260563	ART-8				
08/01/05	Perchlorate		460000		ug/l	40000
07/27/05	Specific Conductance		13000		umho/cm	2.0
	2507260564	PC-99R2/R3				
07/29/05	Perchlorate		22000		ug/l	2000
07/27/05	Specific Conductance		5960		umho/cm	2.0
	2507260565	PC-115R				
07/29/05	Perchlorate		25000		ug/l	2000
07/27/05	Specific Conductance		6310		umho/cm	2.0
	2507260566	PC-116R				
07/29/05	Perchlorate		17000		ug/l	2000
07/27/05	Specific Conductance		6360		umho/cm	2.0
	2507260567	SEEP SURFACE FLOW				
08/01/05	Perchlorate		6000		ug/l	800
07/27/05	Specific Conductance		5430		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Hits Report
#152941

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
26-jul-2005 21:48:11

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507260568	SF-1				
	2507260568	SF-1				
07/27/05	Specific Conductance		8440		umho/cm	2.0
	2507260569	PC-117				
08/01/05	Perchlorate		14000		ug/l	2000
07/27/05	Specific Conductance		6210		umho/cm	2.0
	2507260570	PC-118				
08/01/05	Perchlorate		26000		ug/l	2000
07/27/05	Specific Conductance		6870		umho/cm	2.0
	2507260571	PC-119				
08/01/05	Perchlorate		23000		ug/l	2000
07/27/05	Specific Conductance		6910		umho/cm	2.0
	2507260572	PC-120				
08/01/05	Perchlorate		14000		ug/l	2000
07/27/05	Specific Conductance		5800		umho/cm	2.0
	2507260573	PC-121				
08/01/05	Perchlorate		5000		ug/l	2000
07/27/05	Specific Conductance		4540		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#152941

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
26-jul-2005 21:48:11

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507260573	PC-121				
	2507260574	PC-133				
08/01/05	Perchlorate		16000		ug/l	2000
07/28/05	Specific Conductance		6600		umho/cm	2.0



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Laboratory
Data Report
#152941

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
07/26/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2507260555) Sampled on 07/25/05 05:30								
	07/29/05 14:04	280974	(EPA 314	) Perchlorate	71	ug/l	20	5
	07/27/05 14:39	280590	(2510B/ SW9050	) Specific Conductance	9840	umho/cm	2.0	1
ART-2 (2507260557) Sampled on 07/25/05 05:30								
	07/29/05 15:12	280974	(EPA 314	) Perchlorate	150000	ug/l	20000	5000
	07/27/05 14:39	280590	(2510B/ SW9050	) Specific Conductance	13800	umho/cm	2.0	1
ART-3 (2507260558) Sampled on 07/25/05 05:30								
	07/29/05 15:29	280974	(EPA 314	) Perchlorate	440000	ug/l	40000	10000
	07/27/05 14:39	280590	(2510B/ SW9050	) Specific Conductance	10400	umho/cm	2.0	1
ART-4 (2507260559) Sampled on 07/25/05 05:30								
	07/29/05 15:46	280974	(EPA 314	) Perchlorate	400000	ug/l	40000	10000
	07/27/05 14:39	280590	(2510B/ SW9050	) Specific Conductance	7590	umho/cm	2.0	1
ART-5 (2507260560) Sampled on 07/25/05 05:30								
	07/29/05 16:20	280974	(EPA 314	) Perchlorate	110000	ug/l	20000	5000
	07/27/05 14:39	280590	(2510B/ SW9050	) Specific Conductance	11500	umho/cm	2.0	1
ART-6 (2507260561) Sampled on 07/25/05 05:30								
	07/29/05 16:37	280974	(EPA 314	) Perchlorate	290000	ug/l	20000	5000
	07/27/05 14:39	280590	(2510B/ SW9050	) Specific Conductance	8670	umho/cm	2.0	1
ART-7 (2507260562) Sampled on 07/25/05 05:30								
	07/29/05 16:54	280974	(EPA 314	) Perchlorate	97000	ug/l	20000	5000
	07/27/05 14:39	280590	(2510B/ SW9050) Specific Conductance	13300	umho/cm	2.0	1



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Laboratory
Data Report
#152941

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2507260563) Sampled on 07/25/05 05:30								
	08/01/05 15:38	281327	(EPA 314	) Perchlorate	460000	ug/l	40000	10000
	07/27/05 14:39	280590	(2510B/ SW9050	) Specific Conductance	13000	umho/cm	2.0	1
PC-99R2/R3 (2507260564) Sampled on 07/25/05 06:00								
	07/29/05 17:28	280974	(EPA 314	) Perchlorate	22000	ug/l	2000	500
	07/27/05 14:39	280590	(2510B/ SW9050	) Specific Conductance	5960	umho/cm	2.0	1
PC-115R (2507260565) Sampled on 07/25/05 06:00								
	07/29/05 17:45	280974	(EPA 314	) Perchlorate	25000	ug/l	2000	500
	07/27/05 14:39	280590	(2510B/ SW9050	) Specific Conductance	6310	umho/cm	2.0	1
PC-116R (2507260566) Sampled on 07/25/05 06:00								
	07/29/05 18:02	280974	(EPA 314	) Perchlorate	17000	ug/l	2000	500
	07/27/05 14:55	280592	(2510B/ SW9050	) Specific Conductance	6360	umho/cm	2.0	1
SEEP SURFACE FLOW (2507260567) Sampled on 07/25/05 06:00								
	08/01/05 16:46	281327	(EPA 314	) Perchlorate	6000	ug/l	800	200
	07/27/05 14:55	280592	(2510B/ SW9050	) Specific Conductance	5430	umho/cm	2.0	1
SF-1 (2507260568) Sampled on 07/25/05 06:00								
	08/01/05 00:00	281580	(EPA 314	) Perchlorate	ND	ug/l	4.0	2
	07/27/05 14:55	280592	(2510B/ SW9050	) Specific Conductance	8440	umho/cm	2.0	1
PC-117 (2507260569) Sampled on 07/25/05 06:00								
	08/01/05 17:20	281327	(EPA 314) Perchlorate	14000	ug/l	2000	500
	07/27/05 14:55	280592	(2510B/ SW9050) Specific Conductance	6210	umho/cm	2.0	1



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Laboratory
Data Report
#152941

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-118 (2507260570) Sampled on 07/25/05 06:00								
	08/01/05 17:37	281327	(EPA 314)	Perchlorate	26000	ug/l	2000	500
	07/27/05 14:55	280592	(2510B/ SW9050)	Specific Conductance	6870	umho/cm	2.0	1
PC-119 (2507260571) Sampled on 07/25/05 06:00								
	08/01/05 17:54	281327	(EPA 314)	Perchlorate	23000	ug/l	2000	500
	07/27/05 14:55	280592	(2510B/ SW9050)	Specific Conductance	6910	umho/cm	2.0	1
PC-120 (2507260572) Sampled on 07/25/05 06:00								
	08/01/05 18:11	281327	(EPA 314)	Perchlorate	14000	ug/l	2000	500
	07/27/05 14:55	280592	(2510B/ SW9050)	Specific Conductance	5800	umho/cm	2.0	1
PC-121 (2507260573) Sampled on 07/25/05 06:00								
	08/01/05 18:28	281327	(EPA 314)	Perchlorate	5000	ug/l	2000	500
	07/27/05 14:55	280592	(2510B/ SW9050)	Specific Conductance	4540	umho/cm	2.0	1
PC-133 (2507260574) Sampled on 07/25/05 06:00								
	08/01/05 18:45	281327	(EPA 314)	Perchlorate	16000	ug/l	2000	500
	07/28/05 11:53	280828	(2510B/ SW9050)	Specific Conductance	6600	umho/cm	2.0	1



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Laboratory
QC Summary
#152941

Kerr McGee Chemical Company -
Henderson

QC Ref #280590 - Specific Conductance

Analysis Date: 07/27/2005

2507260555	ART-1	Analyzed by: sar
2507260557	ART-2	Analyzed by: sar
2507260558	ART-3	Analyzed by: sar
2507260559	ART-4	Analyzed by: sar
2507260560	ART-5	Analyzed by: sar
2507260561	ART-6	Analyzed by: sar
2507260562	ART-7	Analyzed by: sar
2507260563	ART-8	Analyzed by: sar
2507260564	PC-99R2/R3	Analyzed by: sar
2507260565	PC-115R	Analyzed by: sar

QC Ref #280592 - Specific Conductance

Analysis Date: 07/27/2005

2507260566	PC-116R	Analyzed by: sar
2507260567	SEEP SURFACE FLOW	Analyzed by: sar
2507260568	SF-1	Analyzed by: sar
2507260569	PC-117	Analyzed by: sar
2507260570	PC-118	Analyzed by: sar
2507260571	PC-119	Analyzed by: sar
2507260572	PC-120	Analyzed by: sar
2507260573	PC-121	Analyzed by: sar

QC Ref #280828 - Specific Conductance

Analysis Date: 07/28/2005

2507260574	PC-133	Analyzed by: sar
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QC Ref #280974 - Perchlorate

Analysis Date: 07/29/2005

2507260555	ART-1	Analyzed by: bxs
2507260557	ART-2	Analyzed by: bxs
2507260558	ART-3	Analyzed by: bxs
2507260559	ART-4	Analyzed by: bxs
2507260560	ART-5	Analyzed by: bxs
2507260561	ART-6	Analyzed by: bxs
2507260562	ART-7	Analyzed by: bxs
2507260564	PC-99R2/R3	Analyzed by: bxs
2507260565	PC-115R	Analyzed by: bxs
2507260566	PC-116R	Analyzed by: bxs



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Laboratory
QC Summary
#152941

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #281327 - Perchlorate

Analysis Date: 08/01/2005

2507260563	ART-8	Analyzed by: bxs
2507260567	SEEP SURFACE FLOW	Analyzed by: bxs
2507260569	PC-117	Analyzed by: bxs
2507260570	PC-118	Analyzed by: bxs
2507260571	PC-119	Analyzed by: bxs
2507260572	PC-120	Analyzed by: bxs
2507260573	PC-121	Analyzed by: bxs
2507260574	PC-133	Analyzed by: bxs

QC Ref #281580 - Perchlorate

Analysis Date: 08/01/2005

2507260568	SF-1	Analyzed by: bxs
------------	------	------------------



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QC Report
#152941

Kerr McGee Chemical Company -
Henderson

QC Ref #280590 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6310	6330	UMHO		(0-20)	0.3

QC Ref #280592 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	3750	3710	UMHO		(0-20)	1.1

QC Ref #280828 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6600	6630	UMHO		(0-20)	0.5

QC Ref #280974 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25	UGL	100.0	(85-115)	
LCS2	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	1.6
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.6	UGL	98.4	(70-130)	
MSD	Perchlorate	25.0	25	UGL	100.0	(70-130)	1.6

QC Ref #281327 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	
LCS2	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	0.41
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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Laboratory
QC Report
#152941

Kerr McGee Chemical Company -
Henderson
(continued)

MSD	Perchlorate	25.0	24.1	UGL	96.4	(70-130)	2.5
-----	-------------	------	------	-----	------	------------	-----

QC Ref #281580 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 25	07270271	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	
LCS2	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	0.41
LCS3	Perchlorate	4	3.7	UGL	92.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	
MSD	Perchlorate	25.0	24.1	UGL	96.4	(70-130)	2.5

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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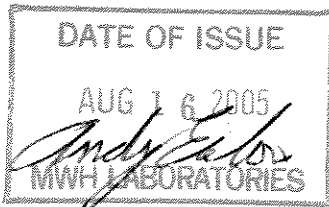
Laboratory Report

for

Kerr McGee Chemical Company - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager



Report#: 153529
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 12 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

153529

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

MVLABS USE ONLY:
LOGIN COMMENTS:
SAMPLES CHECKED/LOGGED IN BY: [Signature]
SAMPLE TEMP, RECEIPT AT LAB: 30
BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES		
KERRMCGEE-MP Gerald Smart Susan Crowley		Collection Wells Fields - Weekly - SO #12373 Kerr-McGee Chemical LLC PO Box 55 Henderson, NV 89009		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)		
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	COMP	SAMPLER COMMENTS
0530	8/1/05		ART-1	RSW	X	SBO - 12373 & 18787
0530	8/1/05		ART-2	RSW	X	
0530	8/1/05		ART-3	RSW	X	
0530	8/1/05		ART-4	RSW	X	
0530	8/1/05		ART-5	RSW	X	
0530	8/1/05		ART-6	RSW	X	
0530	8/1/05		ART-7	RSW	X	
0530	8/1/05		ART-8	RSW	X	
0600	8/1/05		PC-99R2/R3	RSW	X	
0600	8/1/05		PC-115R	RSW	X	
0600	8/1/05		PC-116R	RSW	X	
0600	8/1/05		Seep Surface Flow	RSW	X	

* MATRIX TYPES: CFW = Chlor(am)inated Finished Water, FW = Other Finished Water, RGW = Raw Ground Water, RSW = Raw Surface Water, CWW = Chlorinated Waste Water, WW = Other Waste Water, SW = Storm Water

Reported by Volume: CFW = Chlor(am)inated Finished Water, FW = Other Finished Water

Reported by Weight: SO = Soil, SL = Sludge

RELINQUISHED BY: <u>[Signature]</u>	SIGNATURE	PRINT NAME: Gerald Smart	COMPANY/TITLE: Veolia Water for Kerr McGee	DATE: 8/1/2005	TIME: 1200pm
RECEIVED BY: <u>[Signature]</u>					
RELINQUISHED BY: <u>[Signature]</u>					
RECEIVED BY: <u>[Signature]</u>					



MONTGOMERY WATSON LABORATORIES CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 366-1100 (800) 566-5227

MLABS USE ONLY:

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: _____ FROZEN _____ PARTIALLY FROZEN _____ THAWED _____

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#
 KERRMCGEE-MP Collection Wells Fields - Monthly - SO #12373
 Sampler Signature: *Gerald Smart* Kerr-McGee Chemical LLC
 Susan Crowley (702) 851-2200 PO Box 55
 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	Total ClO ₂	Total Chrome	SAMPLER COMMENTS
6:00	7/25/05		SF-1	RSW	X		X		
6:00	7/25/05		PC-117	RSW	X		X		
6:00	7/25/05		PC-118	RSW	X		X		
6:00	7/25/05		PC-119	RSW	X		X		
6:00	7/25/05		PC-120	RSW	X		X		
6:00	7/25/05		PC-121	RSW	X		X		
6:00	7/25/05		PC-133	RSW	X		X		

Reported by Volume:
CFW = Chlor(am)inated Finished Water
FW = Other Finished Water

Reported by Weight:
SO = Soil
SL = Sludge

RCGW = Raw Ground Water
RSW = Raw Surface Water

CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

RELINQUISHED BY: _____ SIGNATURE: *Gerald Smart* PRINT NAME: Gerald Smart
 RECEIVED BY: _____ COMPANY/TITLE: Veolia Water for Kerr McGee
 RELINQUISHED BY: *Joe Sanchez* RECEIVED BY: _____
 DATE: 8/1/2005 TIME: 12:00pm
 ID: RD105 1007

SCANNED
PAGE 2 of 4

Address: Eaton
 (626) 388-1125
 SO# 25170 12373
 Your MWL Project Manager
 Direct Phone/Voice Mail
 RS
 Sampler: Please Return this Paper with your samples

Created by: EEF
 Order Date: 07/18/05
 Date Needed by Client
 Date Samples to Arrive at MWL
 Ship Sample Kits to
 Kerr McGee-Veolia Water
 Gate 1
 8000 West Lake Mead Drive
 Henderson, NV 89015
 Send Report to
 Kerr McGee-Henderson Plant
 P.O. Box 55
 Henderson, NV 89009

ATTN: Susan Crowley
 PHONE: 702-651-2234
 ATTN: Susan Crowley
 PHONE: 702-651-2234
 FAX: 702-651-2310
 Bottles-Qty for each sample, type & preservative if any

of Samples Tests UN#

# of Samples	Tests	UN#	Important Comments
30	CLO4, EC		
	SHEET OF LABELS WITH WELL-IDS		
	1 125ml poly /no preservative		
	see comments section		
			These sites are weekly through end of 2003
			PC-117, PC-118, PC-119,
			PC-120, and PC-121
			PC-116R
			PC-99R2
			PC-99R3
			PC-115R
			ART-1
			ART-2
			ART-3
			ART-4
			ART-5
			ART-6
			ART-7
			ART-8
			Seep Surface Flow SF-1"
			Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on
			EXTRA BOTTLES INCLUDED
			client code changed 7/25/03





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Report
Comments
#153529

Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____



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Laboratory
Hits Report
#153529

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
02-aug-2005 10:00:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030193	ART-1				
08/10/05	Perchlorate		230		ug/l	20
08/04/05	Specific Conductance		10500		umho/cm	2.0
	2508030208	ART-2				
08/10/05	Perchlorate		200000		ug/l	20000
08/04/05	Specific Conductance		13700		umho/cm	2.0
	2508030209	ART-3				
08/11/05	Perchlorate		430000		ug/l	40000
08/04/05	Specific Conductance		9650		umho/cm	2.0
	2508030210	ART-4				
08/11/05	Perchlorate		380000		ug/l	40000
08/04/05	Specific Conductance		7230		umho/cm	2.0
	2508030211	ART-5				
08/11/05	Perchlorate		120000		ug/l	20000
08/04/05	Specific Conductance		11800		umho/cm	2.0
	2508030212	ART-6				
08/11/05	Perchlorate		300000		ug/l	20000
08/04/05	Specific Conductance		8650		umho/cm	2.0
	2508030213	ART-7				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#153529

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
02-aug-2005 10:00:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030213	ART-7				
08/11/05	Perchlorate		120000		ug/l	20000
08/04/05	Specific Conductance		12900		umho/cm	2.0
	2508030214	ART-8				
08/11/05	Perchlorate		420000		ug/l	40000
08/04/05	Specific Conductance		12700		umho/cm	2.0
	2508030215	PC-99R2/R3				
08/11/05	Perchlorate		20000		ug/l	2000
08/04/05	Specific Conductance		5930		umho/cm	2.0
	2508030216	PC-115R				
08/11/05	Perchlorate		24000		ug/l	2000
08/04/05	Specific Conductance		6070		umho/cm	2.0
	2508030217	PC-116R				
08/11/05	Perchlorate		17000		ug/l	2000
08/04/05	Specific Conductance		6130		umho/cm	2.0
	2508030218	SEEP SURFACE FLOW				
08/11/05	Perchlorate		6000		ug/l	800
08/04/05	Specific Conductance		4980		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #153529

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 02-aug-2005 10:00:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030219	SF-1				
	2508030219	SF-1				
08/11/05	Perchlorate		6.2		ug/l	4.0
08/04/05	Specific Conductance		8140		umho/cm	2.0
	2508030220	PC-117				
08/11/05	Perchlorate		15000		ug/l	2000
08/04/05	Specific Conductance		6060		umho/cm	2.0
	2508030221	PC-118				
08/11/05	Perchlorate		25000		ug/l	2000
08/04/05	Specific Conductance		6560		umho/cm	2.0
	2508030222	PC-119				
08/11/05	Perchlorate		23000		ug/l	2000
08/04/05	Specific Conductance		6580		umho/cm	2.0
	2508030223	PC-120				
08/11/05	Perchlorate		14000		ug/l	2000
08/04/05	Specific Conductance		5720		umho/cm	2.0
	2508030224	PC-121				
08/11/05	Perchlorate		5000		ug/l	2000

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#153529

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
02-aug-2005 10:00:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030224	PC-121				
08/04/05	Specific Conductance		4430		umho/cm	2.0
	2508030225	PC-133				
08/11/05	Perchlorate		16000		ug/l	2000
08/04/05	Specific Conductance		6080		umho/cm	2.0



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Laboratory
Data Report
#153529

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
08/02/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2508030193) Sampled on 08/01/05 05:30								
	08/10/05 17:48	282594	(EPA 314	) Perchlorate	230	ug/l	20	5
	08/04/05 13:45	281698	(2510B/ SW9050	) Specific Conductance	10500	umho/cm	2.0	1
ART-2 (2508030208) Sampled on 08/01/05 05:30								
	08/10/05 18:05	282594	(EPA 314	) Perchlorate	200000	ug/l	20000	5000
	08/04/05 13:45	281698	(2510B/ SW9050	) Specific Conductance	13700	umho/cm	2.0	1
ART-3 (2508030209) Sampled on 08/01/05 05:30								
	08/11/05 12:51	282744	(EPA 314	) Perchlorate	430000	ug/l	40000	10000
	08/04/05 13:45	281698	(2510B/ SW9050	) Specific Conductance	9650	umho/cm	2.0	1
ART-4 (2508030210) Sampled on 08/01/05 05:30								
	08/11/05 13:08	282744	(EPA 314	) Perchlorate	380000	ug/l	40000	10000
	08/04/05 13:45	281698	(2510B/ SW9050	) Specific Conductance	7230	umho/cm	2.0	1
ART-5 (2508030211) Sampled on 08/01/05 05:30								
	08/11/05 13:26	282744	(EPA 314	) Perchlorate	120000	ug/l	20000	5000
	08/04/05 14:01	281741	(2510B/ SW9050	) Specific Conductance	11800	umho/cm	2.0	1
ART-6 (2508030212) Sampled on 08/01/05 05:30								
	08/11/05 13:43	282744	(EPA 314	) Perchlorate	300000	ug/l	20000	5000
	08/04/05 14:01	281741	(2510B/ SW9050	) Specific Conductance	8650	umho/cm	2.0	1
ART-7 (2508030213) Sampled on 08/01/05 05:30								
	08/11/05 14:00	282744	(EPA 314	) Perchlorate	120000	ug/l	20000	5000
	08/04/05 14:01	281741	(2510B/ SW9050) Specific Conductance	12900	umho/cm	2.0	1



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Laboratory
Data Report
#153529

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2508030214) Sampled on 08/01/05 05:30								
	08/11/05 14:17	282744	(EPA 314	) Perchlorate	420000	ug/l	40000	10000
	08/04/05 14:01	281741	(2510B/ SW9050	) Specific Conductance	12700	umho/cm	2.0	1
PC-99R2/R3 (2508030215) Sampled on 08/01/05 06:00								
	08/11/05 14:34	282744	(EPA 314	) Perchlorate	20000	ug/l	2000	500
	08/04/05 14:01	281741	(2510B/ SW9050	) Specific Conductance	5930	umho/cm	2.0	1
PC-115R (2508030216) Sampled on 08/01/05 06:00								
	08/11/05 14:51	282744	(EPA 314	) Perchlorate	24000	ug/l	2000	500
	08/04/05 14:01	281741	(2510B/ SW9050	) Specific Conductance	6070	umho/cm	2.0	1
PC-116R (2508030217) Sampled on 08/01/05 06:00								
	08/11/05 15:08	282744	(EPA 314	) Perchlorate	17000	ug/l	2000	500
	08/04/05 14:01	281741	(2510B/ SW9050	) Specific Conductance	6130	umho/cm	2.0	1
SEEP SURFACE FLOW (2508030218) Sampled on 08/01/05 06:00								
	08/11/05 15:42	282744	(EPA 314	) Perchlorate	6000	ug/l	800	200
	08/04/05 14:01	281741	(2510B/ SW9050	) Specific Conductance	4980	umho/cm	2.0	1
SF-1 (2508030219) Sampled on 08/01/05 06:00								
	08/11/05 00:00	282742	(EPA 314	) Perchlorate	6.2	ug/l	4.0	2
	08/04/05 14:01	281741	(2510B/ SW9050	) Specific Conductance	8140	umho/cm	2.0	1
PC-117 (2508030220) Sampled on 08/01/05 06:00								
	08/11/05 16:16	282744	(EPA 314	) Perchlorate	15000	ug/l	2000	500
	08/04/05 14:01	281741	(2510B/ SW9050) Specific Conductance	6060	umho/cm	2.0	1



MWH Laboratories

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750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory
Data Report
#153529

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-118 (2508030221) Sampled on 08/01/05 06:00								
	08/11/05 16:33	282744	(EPA 314	) Perchlorate	25000	ug/l	2000	500
	08/04/05 14:17	281743	(2510B/ SW9050	) Specific Conductance	6560	umho/cm	2.0	1
PC-119 (2508030222) Sampled on 08/01/05 06:00								
	08/11/05 16:50	282744	(EPA 314	) Perchlorate	23000	ug/l	2000	500
	08/04/05 14:17	281743	(2510B/ SW9050	) Specific Conductance	6580	umho/cm	2.0	1
PC-120 (2508030223) Sampled on 08/01/05 06:00								
	08/11/05 17:07	282744	(EPA 314	) Perchlorate	14000	ug/l	2000	500
	08/04/05 14:17	281743	(2510B/ SW9050	) Specific Conductance	5720	umho/cm	2.0	1
PC-121 (2508030224) Sampled on 08/01/05 06:00								
	08/11/05 17:24	282744	(EPA 314	) Perchlorate	5000	ug/l	2000	500
	08/04/05 14:17	281743	(2510B/ SW9050	) Specific Conductance	4430	umho/cm	2.0	1
PC-133 (2508030225) Sampled on 08/01/05 06:00								
	08/11/05 17:41	282744	(EPA 314) Perchlorate	16000	ug/l	2000	500
	08/04/05 14:17	281743	(2510B/ SW9050) Specific Conductance	6080	umho/cm	2.0	1



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Laboratory
QC Summary
#153529

Kerr McGee Chemical Company -
Henderson

QC Ref #281698 - Specific Conductance

Analysis Date: 08/04/2005

2508030193	ART-1	Analyzed by: sar
2508030208	ART-2	Analyzed by: sar
2508030209	ART-3	Analyzed by: sar
2508030210	ART-4	Analyzed by: sar

QC Ref #281741 - Specific Conductance

Analysis Date: 08/04/2005

2508030211	ART-5	Analyzed by: sar
2508030212	ART-6	Analyzed by: sar
2508030213	ART-7	Analyzed by: sar
2508030214	ART-8	Analyzed by: sar
2508030215	PC-99R2/R3	Analyzed by: sar
2508030216	PC-115R	Analyzed by: sar
2508030217	PC-116R	Analyzed by: sar
2508030218	SEEP SURFACE FLOW	Analyzed by: sar
2508030219	SF-1	Analyzed by: sar
2508030220	PC-117	Analyzed by: sar

QC Ref #281743 - Specific Conductance

Analysis Date: 08/04/2005

2508030221	PC-118	Analyzed by: sar
2508030222	PC-119	Analyzed by: sar
2508030223	PC-120	Analyzed by: sar
2508030224	PC-121	Analyzed by: sar
2508030225	PC-133	Analyzed by: sar

QC Ref #282594 - Perchlorate

Analysis Date: 08/10/2005

2508030193	ART-1	Analyzed by: bxs
2508030208	ART-2	Analyzed by: bxs

QC Ref #282742 - Perchlorate

Analysis Date: 08/11/2005

2508030219	SF-1	Analyzed by: bxs
------------	------	------------------



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Laboratory
QC Summary
#153529

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #282744 - Perchlorate

Analysis Date: 08/11/2005

2508030209	ART-3	Analyzed by: bxs
2508030210	ART-4	Analyzed by: bxs
2508030211	ART-5	Analyzed by: bxs
2508030212	ART-6	Analyzed by: bxs
2508030213	ART-7	Analyzed by: bxs
2508030214	ART-8	Analyzed by: bxs
2508030215	PC-99R2/R3	Analyzed by: bxs
2508030216	PC-115R	Analyzed by: bxs
2508030217	PC-116R	Analyzed by: bxs
2508030218	SEEP SURFACE FLOW	Analyzed by: bxs
2508030220	PC-117	Analyzed by: bxs
2508030221	PC-118	Analyzed by: bxs
2508030222	PC-119	Analyzed by: bxs
2508030223	PC-120	Analyzed by: bxs
2508030224	PC-121	Analyzed by: bxs
2508030225	PC-133	Analyzed by: bxs



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Laboratory
QC Report
#153529

Kerr McGee Chemical Company -
Henderson

QC Ref #281698 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7230	7210	UMHO		(0-20)	0.3

QC Ref #281741 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6060	6060	UMHO		(0-20)	0.0

QC Ref #281743 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	16500	16600	UMHO		(0-20)	0.6

QC Ref #282594 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS2	Perchlorate	25.0	25	UGL	100.0	(85-115)	0.80
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.7	UGL	94.8	(70-130)	
MSD	Perchlorate	25.0	23.8	UGL	95.2	(70-130)	0.42

QC Ref #282742 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 25	08040107	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	2.4
LCS3	Perchlorate	4	4.1	UGL	102.5	(75-125)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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Laboratory
QC Report
#153529

Kerr McGee Chemical Company -
Henderson
(continued)

MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.4	UGL	101.6	(70-130)	
MSD	Perchlorate	25.0	25.2	UGL	100.8	(70-130)	0.79

QC Ref #282744

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	2.4
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.4	UGL	101.6	(70-130)	
MSD	Perchlorate	25.0	25.2	UGL	100.8	(70-130)	0.79

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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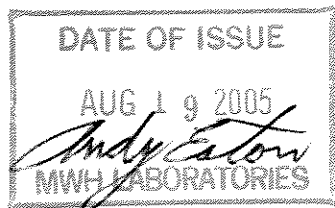
Laboratory Report

for

Kerr McGee Chemical Company - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager



Report#: 153517
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 23 page[s].



153977/DK

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

MVLABS USE ONLY:
LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: **KERRMCGEE-MP** PROJECT JOB # / P.O.#: **Quarterly Groundwater Sampling Schedule B** (check for yes)

SAMPLER: **Michele Brown** Ker-McGee Chemical LLC
Susan Crowley (702) 651-2234 PO Box 55 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	S	P	E	C	F	CLO4	CR6	TDS	See Bottle Order	SAMPLER Comments
5:48	8-1-05	PC-123		RGW	X		X	X	X	X	X	X				2 Bottles
6:01	8-1-05	PC-124		RGW	X		X	X	X	X	X	X				2 Bottles
6:11	8-1-05	PC-125		RGW	X		X	X	X	X	X	X				2 Bottles
6:21	8-1-05	PC-126		RGW	X		X	X	X	X	X	X				2 Bottles
6:34	8-1-05	PC-127		RGW	X		X	X	X	X	X	X				2 Bottles
6:45	8-1-05	PC-128		RGW	X		X	X	X	X	X	X				2 Bottles
6:57	8-1-05	PC-129		RGW	X		X	X	X	X	X	X				2 Bottles
7:12	8-1-05	PC-130		RGW	X		X	X	X	X	X	X				2 Bottles
7:29	8-1-05	PC-131		RGW	X		X	X	X	X	X	X				2 Bottles
7:44	8-1-05	PC-132		RGW	X		X	X	X	X	X	X				2 Bottles
8:08	8-1-05	M-96		RGW	X		X	X	X	X	X	X				2 Bottles
10:38	8-1-05	M-94		RGW	X		X	X	X	X	X	X				4 Bottles

Reported by Volume:
CFW = Chlor(am)inated Finished Water
FW = Other Finished Water

Reported by Weight:
SO = Soil
SL = Sludge

RGW = Raw Ground Water
RSW = Raw Surface Water

CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

RELINQUISHED BY: Michele Brown SIGNATURE: Michele Brown PRINT NAME: Michele Brown COMPANY/TITLE: Veolia Water NA for Ker-McGee Chemical LLC DATE: 8-1-05 TIME: 12:00PM

RECEIVED BY: Joe Sanchez SIGNATURE: Joe Sanchez PRINT NAME: JOE SANCHEZ COMPANY/TITLE: MWH DATE: 8-2-05 TIME: 10:00

RELINQUISHED BY: _____ RECEIVED BY: _____



750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

M/LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:

SAMPLE TEMP, RECEIPT AT LAB: 3°

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#
 KERRMCGEE-MP Michèle Brown Quarterly Groundwater Sampling Schedule B
 Ker-McGee Chemical LLC
 PO Box 55
 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES (check for yes)

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CG	FG	FC	CLO4	CR6	TDS	See Bottle Order	SAMPLER Comments
8:24	8-1-05	PC-54		RGW	X		X	X	X	X				2 Bottles
8:40	8-1-05	M-48		RGW	X		X	X	X	X				2 Bottles
10:06	8-1-05	M-23		RGW	X		X	X	X	X				2 Bottles
9:50	8-1-05	PC-37		RGW	X		X	X	X	X				2 Bottles
9:11	8-1-05	PC-71		RGW	X		X	X	X	X				2 Bottles
9:23	8-1-05	PC-72		RGW	X		X	X	X	X				2 Bottles
9:35	8-1-05	PC-73		RGW	X		X	X	X	X				2 Bottles
8:57	8-1-05	M-44		RGW	X		X	X	X	X				4 Bottles
10:58	8-1-05	M-92		RGW	X		X	X	X	X				2 Bottles
11:14	8-1-05	M-69		RGW	X		X	X	X	X				2 Bottles
10:27	8-1-05	M-57A		RGW	X		X	X	X	X				2 Bottles
7:11	8-1-05	FB-1		RGW	X		X	X	X	X				4 Bottles

* MATRIX TYPES: Reported by Volume: CFW = Chlor(amin)ated Finished Water FW = Other Finished Water
 Reported by Weight: SO = Soil SL = Sludge
 RGW = Raw Ground Water CWW = Chlorinated Waste Water
 RSW = Raw Surface Water WW = Other Waste Water
 SW = Storm Water

RELINQUISHED BY: *Michèle Brown* SIGNATURE
 RECEIVED BY: *Joe Sanchez* SIGNATURE
 RELINQUISHED BY: *Joe Sanchez* SIGNATURE
 RECEIVED BY: SIGNATURE

COMPANY/TITLE: Veolia Water NA for Ker-McGee Chemical LLC
 DATE: 8-1-05
 TIME: 12:00PM





750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 366-1100 (800) 566-5227

M/LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#
 KERRMCGEE-MP Quarterly Groundwater Sampling
 Sampler: Michele Brown Schedule B
 Client: Ker-McGee Chemical LLC
 Address: PO Box 55, Henderson, NV 89009
 Contact: Susan Crowley (702) 651-2234

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *			COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)							SAMPLER Comments		
				RGW	FGW	FW		CFW	FW	FW	FW	FW	FW	FW		FW	FW
	8.105	MD-3		RGW	X		X										Bottles
	8.105	MD-4		RGW	X		X										Bottles
				RGW	X		X										Bottles
				RGW	X		X										Bottles
				RGW	X		X										Bottles
				RGW	X		X										Bottles
				RGW	X		X										Bottles
				RGW	X		X										Bottles
				RGW	X		X										Bottles
				RGW	X		X										Bottles
				RGW	X		X										Bottles
				RGW	X		X										Bottles

* MATRIX TYPES: Reported by Volume: CFW = Chlor(am)inated Finished Water, FW = Other Finished Water
 Reported by Weight: SO = Soil, SL = Sludge
 RGW = Raw Ground Water, RSW = Raw Surface Water
 CWW = Chlorinated Waste Water, WW = Other Waste Water, SW = Storm Water

RELINQUISHED BY: Michele Brown SIGNATURE
 RECEIVED BY: Joe Sanchez SIGNATURE
 RELINQUISHED BY: Joe Sanchez SIGNATURE
 RECEIVED BY: _____ SIGNATURE

DATE: 8-105 12:00PM
 DATE: 8-2-05 10:00

COMPANY/TITLE: Veolia Water NA for Ker-McGee Chemical LLC
 PRINT NAME: Michele Brown



MWH Laboratories, a Division of MWH Americas, Inc.
750 Royal Oaks Avenue Suite 100
Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Kerr McGee Chemical Company - Henderson Standing

Andrew Eaton Your MWL Project Manager
(626) 386-1125 Direct Phone/Voice Mail

Client Code KERRMCGEE-MP Q Quarterly Period
Project Code CLO4 Week 1
PO# / Job#
Blanket PO

SO# 24687 16962 RS

Sampler: Please Return this Paper with your samples

Created by 0
Order Date 06/07/05
Date Needed by Client
Date Samples to Arrive at MWL

Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to

Kerr McGee Henderson Plant
P.O. Box 55
Henderson, NV 89009

Billing Address

Kerr McGee Henderson Plant
P.O. Box 55
Henderson, NV 89009

ATTN: Susan Crowley
PHONE: 702-651-2234

ATTN: Susan Crowley
PHONE: 702-651-2234
FAX: 702-651-2310

Quote#

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
90	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031	QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS
90	CLO4, EC, PH	1 125ml poly /no preservative AMBER IF WITH CLO3!		
15	CR-VI	1 125ml poly acid rinsed/ no preservative SHORT HOLDING TIME!!!!		
15	TDS	1 500ml poly/ no preservative		

Active Code Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

SCANNED



Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____

(QC Ref#: 2508030149)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2508030158)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2508030163)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.



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Laboratory
Hits Report
#153517

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
02-aug-2005 10:00:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030137	PC-123				
08/11/05	Chromium, Total, ICAP		1.2		mg/l	0.020
08/10/05	Metals digestion performed.		Y		Yes/No	
08/05/05	PH (H1=past HT, not compliant)		7.8	6.5-8.5	Units	0.001
08/09/05	Perchlorate		360000		ug/l	40000
08/03/05	Specific Conductance		8690		umho/cm	2.0
	2508030138	PC-124				
08/11/05	Chromium, Total, ICAP		0.065		mg/l	0.020
08/10/05	Metals digestion performed.		Y		Yes/No	
08/05/05	PH (H1=past HT, not compliant)		7.8	6.5-8.5	Units	0.001
08/09/05	Perchlorate		4000		ug/l	400
08/03/05	Specific Conductance		5820		umho/cm	2.0
	2508030139	PC-125				
08/10/05	Metals digestion performed.		Y		Yes/No	
08/05/05	PH (H1=past HT, not compliant)		7.8	6.5-8.5	Units	0.001
08/09/05	Perchlorate		4000		ug/l	400
08/03/05	Specific Conductance		6150		umho/cm	2.0
	2508030140	PC-126				
08/11/05	Chromium, Total, ICAP		0.069		mg/l	0.020
08/10/05	Metals digestion performed.		Y		Yes/No	
08/05/05	PH (H1=past HT, not compliant)		7.7	6.5-8.5	Units	0.001
08/09/05	Perchlorate		10000		ug/l	800
08/03/05	Specific Conductance		11100		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



750 Royal Oaks Drive, Suite 100
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 1 800 566 LABS (1 800 566 5227)

Laboratory
 Hits Report
 #153517

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 02-aug-2005 10:00:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030141	PC-127				
	2508030141	PC-127				
08/11/05		Chromium, Total, ICAP	1.1		mg/l	0.020
08/10/05		Metals digestion performed.	Y		Yes/No	
08/05/05		PH (H1=past HT, not compliant)	7.8	6.5-8.5	Units	0.001
08/09/05		Perchlorate	360000		ug/l	40000
08/03/05		Specific Conductance	8470		umho/cm	2.0
	2508030142	PC-128				
08/11/05		Chromium, Total, ICAP	0.11		mg/l	0.020
08/10/05		Metals digestion performed.	Y		Yes/No	
08/05/05		PH (H1=past HT, not compliant)	8.0	6.5-8.5	Units	0.001
08/09/05		Perchlorate	140000		ug/l	20000
08/03/05		Specific Conductance	6020		umho/cm	2.0
	2508030143	PC-129				
08/11/05		Chromium, Total, ICAP	0.45		mg/l	0.020
08/10/05		Metals digestion performed.	Y		Yes/No	
08/05/05		PH (H1=past HT, not compliant)	7.9	6.5-8.5	Units	0.001
08/09/05		Perchlorate	380000		ug/l	20000
08/03/05		Specific Conductance	6120		umho/cm	2.0
	2508030144	PC-130				
08/11/05		Chromium, Total, ICAP	0.51		mg/l	0.020
08/10/05		Metals digestion performed.	Y		Yes/No	

SUMMARY OF POSITIVE DATA ONLY.



750 Royal Oaks Drive, Suite 100
 Monrovia, California 91016-3629
 Tel: 626 386 1100
 Fax: 626 386 1101
 1 800 566 LABS (1 800 566 5227)

Laboratory
 Hits Report
 #153517

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 02-aug-2005 10:00:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030144	PC-130				
08/08/05	PH (H1=past HT, not compliant)		7.5	6.5-8.5	Units	0.001
08/09/05	Perchlorate		430000		ug/l	40000
08/03/05	Specific Conductance		6620		umho/cm	2.0
	2508030145	PC-131				
08/10/05	Metals digestion performed.		Y		Yes/No	
08/08/05	PH (H1=past HT, not compliant)		7.4	6.5-8.5	Units	0.001
08/10/05	Perchlorate		40000		ug/l	4000
08/03/05	Specific Conductance		11900		umho/cm	2.0
	2508030146	PC-132				
08/10/05	Metals digestion performed.		Y		Yes/No	
08/08/05	PH (H1=past HT, not compliant)		7.9	6.5-8.5	Units	0.001
08/10/05	Perchlorate		15000		ug/l	2000
08/03/05	Specific Conductance		11700		umho/cm	2.0
	2508030147	M-96				
08/11/05	Chromium, Total, ICAP		2		mg/l	0.050
08/10/05	Metals digestion performed.		Y		Yes/No	
08/08/05	PH (H1=past HT, not compliant)		7.4	6.5-8.5	Units	0.001
08/10/05	Perchlorate		700000		ug/l	80000
08/03/05	Specific Conductance		7780		umho/cm	2.0
	2508030149	M-94				
08/11/05	Chromium, Total, ICAP		1.1		mg/l	0.020

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Laboratory
Hits Report
#153517

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
02-aug-2005 10:00:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030149	M-94				
08/04/05			Hexavalent chromium (Cr VI)	1.2	mg/l	0.050
08/10/05			Metals digestion performed.	Y	Yes/No	
08/08/05			PH (H1=past HT, not compliant)	7.6	6.5-8.5 Units	0.001
08/10/05			Perchlorate	1100000	ug/l	200000
08/03/05			Specific Conductance	8770	umho/cm	2.0
08/03/05			Total Dissolved Solid (TDS)	9140	500 mg/l	10
	2508030150	PC-54				
08/11/05			Chromium, Total, ICAP	4.2	mg/l	0.020
08/10/05			Metals digestion performed.	Y	Yes/No	
08/08/05			PH (H1=past HT, not compliant)	7.6	6.5-8.5 Units	0.001
08/09/05			Perchlorate	560000	ug/l	40000
08/03/05			Specific Conductance	7580	umho/cm	2.0
	2508030151	M-48				
08/03/05			Chromium, Total, ICAP	2.3	mg/l	0.020
08/08/05			PH (H1=past HT, not compliant)	7.8	6.5-8.5 Units	0.001
08/10/05			Perchlorate	280000	ug/l	40000
08/03/05			Specific Conductance	4250	umho/cm	2.0
	2508030152	M-23				
08/03/05			Chromium, Total, ICAP	1.1	mg/l	0.020
08/08/05			PH (H1=past HT, not compliant)	7.6	6.5-8.5 Units	0.001
08/09/05			Perchlorate	490000	ug/l	80000
08/03/05			Specific Conductance	4940	umho/cm	2.0

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Kerr McGee Chemical Company -
 Henderson
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 PO Box 55
 Henderson , NV 89009

Samples Received
 02-aug-2005 10:00:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030153	PC-37				
	2508030153	PC-37				
08/11/05		Chromium, Total, ICAP	0.20		mg/l	0.020
08/10/05		Metals digestion performed.	Y		Yes/No	
08/08/05		PH (H1=past HT, not compliant)	7.6	6.5-8.5	Units	0.001
08/10/05		Perchlorate	380000		ug/l	40000
08/03/05		Specific Conductance	7770		umho/cm	2.0
	2508030154	PC-71				
08/11/05		Chromium, Total, ICAP	0.64		mg/l	0.020
08/10/05		Metals digestion performed.	Y		Yes/No	
08/08/05		PH (H1=past HT, not compliant)	7.5	6.5-8.5	Units	0.001
08/10/05		Perchlorate	760000		ug/l	200000
08/03/05		Specific Conductance	8720		umho/cm	2.0
	2508030155	PC-72				
08/11/05		Chromium, Total, ICAP	0.39		mg/l	0.050
08/10/05		Metals digestion performed.	Y		Yes/No	
08/08/05		PH (H1=past HT, not compliant)	7.6	6.5-8.5	Units	0.001
08/10/05		Perchlorate	560000		ug/l	40000
08/03/05		Specific Conductance	7950		umho/cm	2.0
	2508030156	PC-73				
08/11/05		Chromium, Total, ICAP	0.37		mg/l	0.020
08/10/05		Metals digestion performed.	Y		Yes/No	

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Henderson
Susan Crowley
PO Box 55
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Samples Received
02-aug-2005 10:00:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030156	PC-73				
08/08/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
08/10/05	Perchlorate		480000		ug/l	40000
08/03/05	Specific Conductance		7670		umho/cm	2.0
	2508030158	M-44				
08/03/05	Chromium, Total, ICAP		1.1		mg/l	0.020
08/04/05	Hexavalent chromium (Cr VI)		1.1		mg/l	0.025
08/08/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
08/10/05	Perchlorate		890000		ug/l	200000
08/03/05	Specific Conductance		8930		umho/cm	2.0
08/03/05	Total Dissolved Solid (TDS)		9060	500	mg/l	10
	2508030159	M-92				
08/10/05	Metals digestion performed.		Y		Yes/No	
08/08/05	PH (H1=past HT, not compliant)		7.9	6.5-8.5	Units	0.001
08/10/05	Perchlorate		780		ug/l	80
08/03/05	Specific Conductance		2560		umho/cm	2.0
	2508030160	M-69				
08/11/05	Chromium, Total, ICAP		0.059		mg/l	0.020
08/10/05	Metals digestion performed.		Y		Yes/No	
08/08/05	PH (H1=past HT, not compliant)		7.5	6.5-8.5	Units	0.001
08/10/05	Perchlorate		630000		ug/l	40000
08/03/05	Specific Conductance		5440		umho/cm	2.0
	2508030162	M-57A				

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Hits Report
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Kerr McGee Chemical Company -
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Susan Crowley
PO Box 55
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Samples Received
02-aug-2005 10:00:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030162	M-57A				
08/03/05			Chromium, Total, ICAP	0.071	mg/l	0.020
08/08/05			PH (H1=past HT, not compliant)	7.8	6.5-8.5 Units	0.001
08/10/05			Perchlorate	23000	ug/l	4000
08/03/05			Specific Conductance	3960	umho/cm	2.0
	2508030163	FB-1				
08/08/05			PH (H1=past HT, not compliant)	5.7	6.5-8.5 Units	0.001
08/03/05			Specific Conductance	20	umho/cm	2.0
	2508030164	MD-3				
08/17/05			Chromium, Total, ICAP	0.071	mg/l	0.020
08/05/05			PH (H1=past HT, not compliant)	7.8	6.5-8.5 Units	0.001
08/10/05			Perchlorate	22000	ug/l	4000
08/03/05			Specific Conductance	3950	umho/cm	2.0
	2508030165	MD-4				
08/11/05			Chromium, Total, ICAP	1.2	mg/l	0.020
08/10/05			Metals digestion performed.	Y	Yes/No	
08/05/05			PH (H1=past HT, not compliant)	7.8	6.5-8.5 Units	0.001
08/10/05			Perchlorate	330000	ug/l	200000
08/03/05			Specific Conductance	8190	umho/cm	2.0



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 PO Box 55
 Henderson , NV 89009

Samples Received
 08/02/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-123 (2508030137) Sampled on 08/01/05 05:58								
08/09/05 14:11	282431	(EPA 314	)	Perchlorate	360000	ug/l	40000	10000
08/11/05 18:45	282693	(MWH200.7/6010B)		Chromium, Total, ICAP	1.2	mg/l	0.020	2
08/10/05 08:18		(EPA 200 Prep)		Metals digestion performed.	Y	Yes/No	0.0000	1
08/03/05 14:56	281495	(2510B/ SW9050)		Specific Conductance	8690	umho/cm	2.0	1
08/05/05 00:00	281950	(4500HB/ E 150)		PH (Hl=past HT, not compliant)	7.8	Units	0.001	1
PC-124 (2508030138) Sampled on 08/01/05 06:01								
08/09/05 14:28	282431	(EPA 314	)	Perchlorate	4000	ug/l	400	100
08/11/05 18:49	282693	(MWH200.7/6010B)		Chromium, Total, ICAP	0.065	mg/l	0.020	2
08/10/05 08:18		(EPA 200 Prep)		Metals digestion performed.	Y	Yes/No	0.0000	1
08/03/05 14:56	281495	(2510B/ SW9050)		Specific Conductance	5820	umho/cm	2.0	1
08/05/05 00:00	281950	(4500HB/ E 150)		PH (Hl=past HT, not compliant)	7.8	Units	0.001	1
PC-125 (2508030139) Sampled on 08/01/05 06:11								
08/09/05 14:41	282431	(EPA 314	)	Perchlorate	4000	ug/l	400	100
08/11/05 18:53	282693	(MWH200.7/6010B)		Chromium, Total, ICAP	ND	mg/l	0.020	2
08/10/05 08:18		(EPA 200 Prep)		Metals digestion performed.	Y	Yes/No	0.0000	1
08/03/05 15:12	281496	(2510B/ SW9050)		Specific Conductance	6150	umho/cm	2.0	1
08/05/05 00:00	281950	(4500HB/ E 150)		PH (Hl=past HT, not compliant)	7.8	Units	0.001	1
PC-126 (2508030140) Sampled on 08/01/05 06:21								
08/09/05 14:58	282431	(EPA 314	)	Perchlorate	10900	ug/l	800	200
08/11/05 18:57	282693	(MWH200.7/6010B)		Chromium, Total, ICAP	0.069	mg/l	0.020	2
08/10/05 08:18		(EPA 200 Prep)		Metals digestion performed.	Y	Yes/No	0.0000	1
08/03/05 15:12	281496	(2510B/ SW9050)		Specific Conductance	11100	umho/cm	2.0	1
08/05/05 00:00	281950	(4500HB/ E 150)		PH (Hl=past HT, not compliant)	7.7	Units	0.001	1



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Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-127 (2508030141) Sampled on 08/01/05 06:34								
08/09/05 15:15	282431	(EPA 314)	Perchlorate		360000	ug/l	40000	10000
08/11/05 19:00	282693	(MWH200.7/6010B)	Chromium, Total, ICAP		1.1	mg/l	0.020	2
08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.		Y	Yes/No	0.0000	1
08/03/05 15:12	281496	(2510B/ SW9050)	Specific Conductance		8470	umho/cm	2.0	1
08/05/05 00:00	281950	(4500HB/ E 150)	PH (HI=past HT, not compliant)		7.8	Units	0.001	1
PC-128 (2508030142) Sampled on 08/01/05 06:45								
08/09/05 15:49	282431	(EPA 314)	Perchlorate		140000	ug/l	20000	5000
08/11/05 19:04	282693	(MWH200.7/6010B)	Chromium, Total, ICAP		0.11	mg/l	0.020	2
08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.		Y	Yes/No	0.0000	1
08/03/05 15:12	281496	(2510B/ SW9050)	Specific Conductance		6020	umho/cm	2.0	1
08/05/05 00:00	281950	(4500HB/ E 150)	PH (HI=past HT, not compliant)		8.0	Units	0.001	1
PC-129 (2508030143) Sampled on 08/01/05 06:57								
08/09/05 16:06	282431	(EPA 314)	Perchlorate		380000	ug/l	20000	5000
08/11/05 19:08	282693	(MWH200.7/6010B)	Chromium, Total, ICAP		0.45	mg/l	0.020	2
08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.		Y	Yes/No	0.0000	1
08/03/05 15:12	281496	(2510B/ SW9050)	Specific Conductance		6120	umho/cm	2.0	1
08/05/05 00:00	281950	(4500HB/ E 150)	PH (HI=past HT, not compliant)		7.9	Units	0.001	1
PC-130 (2508030144) Sampled on 08/01/05 07:12								
08/09/05 16:23	282431	(EPA 314)	Perchlorate		430000	ug/l	40000	10000
08/11/05 19:23	282693	(MWH200.7/6010B)	Chromium, Total, ICAP		0.51	mg/l	0.020	2
08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.		Y	Yes/No	0.0000	1
08/03/05 15:12	281496	(2510B/ SW9050)	Specific Conductance		6620	umho/cm	2.0	1
08/08/05 00:00	282268	(4500HB/ E 150)	PH (HI=past HT, not compliant)		7.5	Units	0.001	1



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Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-131 (2508030145) Sampled on 08/01/05 07:29								
	08/10/05 19:30	282594	(EPA 314)	Perchlorate	40000	ug/l	4000	1000
	08/11/05 19:27	282693	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/03/05 15:12	281496	(2510B/ SW9050)	Specific Conductance	11900	umho/cm	2.0	1
	08/08/05 00:00	282268	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.4	Units	0.001	1
PC-132 (2508030146) Sampled on 08/01/05 07:49								
	08/10/05 19:47	282594	(EPA 314)	Perchlorate	15000	ug/l	2000	500
	08/11/05 18:38	282693	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/03/05 15:12	281496	(2510B/ SW9050)	Specific Conductance	11700	umho/cm	2.0	1
	08/08/05 00:00	282268	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.9	Units	0.001	1
M-96 (2508030147) Sampled on 08/01/05 08:08								
	08/10/05 20:04	282594	(EPA 314)	Perchlorate	700000	ug/l	80000	20000
	08/11/05 19:31	282693	(MWH200.7/6010B)	Chromium, Total, ICAP	2	mg/l	0.050	5
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/03/05 15:12	281496	(2510B/ SW9050)	Specific Conductance	7780	umho/cm	2.0	1
	08/08/05 00:00	282268	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.4	Units	0.001	1
M-94 (2508030149) Sampled on 08/01/05 10:38								
	08/10/05 20:21	282594	(EPA 314)	Perchlorate	1100000	ug/l	200000	50000
	08/11/05 19:34	282693	(MWH200.7/6010B)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	08/04/05 07:26	281575	(MWH SW7196)	Hexavalent chromium (Cr VI)	1.2 (H3)	mg/l	0.050	10
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/03/05 15:12	281496	(2510B/ SW9050)	Specific Conductance	8770	umho/cm	2.0	1
	08/08/05 00:00	282270	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.6	Units	0.001	1
08/03/05	08/03/05 13:45	281700	(SM 2540C)	Total Dissolved Solid (TDS)	9140	mg/l	10	1



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Kerr McGee Chemical Company -
Henderson
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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-54 (2508030150) Sampled on 08/01/05 08:24								
	08/09/05 17:48	282431	(EPA 314)	Perchlorate	560000	ug/l	40000	10000
	08/11/05 19:38	282693	(MWH200.7/6010B)	Chromium, Total, ICAP	4.2	mg/l	0.020	2
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/03/05 15:29	281497	(2510B/ SW9050)	Specific Conductance	7580	umho/cm	2.0	1
	08/08/05 00:00	282268	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.6	Units	0.001	1
M-48 (2508030151) Sampled on 08/01/05 08:40								
	08/10/05 20:38	282594	(EPA 314)	Perchlorate	280000	ug/l	40000	10000
	08/03/05 16:49	281572	(MWH200.7/6010B)	Chromium, Total, ICAP	2.3	mg/l	0.020	2
	08/03/05 15:29	281497	(2510B/ SW9050)	Specific Conductance	4250	umho/cm	2.0	1
	08/08/05 00:00	282268	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.8	Units	0.001	1
M-23 (2508030152) Sampled on 08/01/05 10:06								
	08/09/05 18:23	282431	(EPA 314)	Perchlorate	490000	ug/l	80000	20000
	08/03/05 16:45	281572	(MWH200.7/6010B)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	08/03/05 15:29	281497	(2510B/ SW9050)	Specific Conductance	4940	umho/cm	2.0	1
	08/08/05 00:00	282270	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.6	Units	0.001	1
PC-37 (2508030153) Sampled on 08/01/05 09:50								
	08/10/05 20:55	282594	(EPA 314)	Perchlorate	380000	ug/l	40000	10000
	08/11/05 19:42	282693	(MWH200.7/6010B)	Chromium, Total, ICAP	0.20	mg/l	0.020	2
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/03/05 15:29	281497	(2510B/ SW9050)	Specific Conductance	7770	umho/cm	2.0	1
	08/08/05 00:00	282270	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.6	Units	0.001	1
PC-71 (2508030154) Sampled on 08/01/05 09:11								
	08/10/05 21:12	282594	(EPA 314)	Perchlorate	760000	ug/l	200000	50000
	08/11/05 19:45	282693	(MWH200.7/6010B)	Chromium, Total, ICAP	0.64	mg/l	0.020	2
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/03/05 15:29	281497	(2510B/ SW9050)	Specific Conductance	8720	umho/cm	2.0	1
	08/08/05 00:00	282270	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.5	Units	0.001	1



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Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-72 (2508030155) Sampled on 08/01/05 09:23								
	08/10/05 19:13	282594	(EPA 314)	Perchlorate	560000	ug/l	40000	10000
	08/11/05 19:49	282693	(MWH200.7/6010B)	Chromium, Total, ICAP	0.39	mg/l	0.050	5
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/03/05 15:29	281497	(2510B/ SW9050)	Specific Conductance	7950	umho/cm	2.0	1
	08/08/05 00:00	282270	(4500HB/ E 150)	PH (H1=past HT, not compliant)	7.6	Units	0.001	1
PC-73 (2508030156) Sampled on 08/01/05 09:35								
	08/10/05 18:56	282594	(EPA 314)	Perchlorate	480000	ug/l	40000	10000
	08/11/05 19:53	282693	(MWH200.7/6010B)	Chromium, Total, ICAP	0.37	mg/l	0.020	2
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/03/05 15:29	281497	(2510B/ SW9050)	Specific Conductance	7670	umho/cm	2.0	1
	08/08/05 00:00	282270	(4500HB/ E 150)	PH (H1=past HT, not compliant)	7.6	Units	0.001	1
M-44 (2508030158) Sampled on 08/01/05 08:57								
	08/10/05 18:39	282594	(EPA 314)	Perchlorate	890000	ug/l	200000	50000
	08/03/05 16:25	281572	(MWH200.7/6010B)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	08/04/05 07:26	281575	(MWH SW7196)	Hexavalent chromium (Cr VI)	1.1(H3)	mg/l	0.025	5
	08/03/05 15:29	281497	(2510B/ SW9050)	Specific Conductance	8930	umho/cm	2.0	1
	08/08/05 00:00	282268	(4500HB/ E 150)	PH (H1=past HT, not compliant)	7.6	Units	0.001	1
08/03/05	08/03/05 13:45	281700	(SM 2540C)	Total Dissolved Solid (TDS)	9060	mg/l	10	1
M-92 (2508030159) Sampled on 08/01/05 10:58								
	08/10/05 16:06	282594	(EPA 314)	Perchlorate	780	ug/l	80	20
	08/11/05 19:56	282693	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/03/05 15:29	281497	(2510B/ SW9050)	Specific Conductance	2560	umho/cm	2.0	1
	08/08/05 00:00	282270	(4500HB/ E 150)	PH (H1=past HT, not compliant)	7.9	Units	0.001	1



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Laboratory
Data Report
#153517

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-69 (2508030160)			Sampled on 08/01/05 11:14					
	08/10/05 16:23	282594	(EPA 314)	Perchlorate	630000	ug/l	40000	10000
	08/11/05 20:16	282693	(MWH200.7/6010B)	Chromium, Total, ICAP	0.059	mg/l	0.020	2
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/03/05 15:29	281497	(2510B/ SW9050)	Specific Conductance	5440	umho/cm	2.0	1
	08/08/05 00:00	282270	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.5	Units	0.001	1
M-57A (2508030162)			Sampled on 08/01/05 11:27					
	08/10/05 16:40	282594	(EPA 314)	Perchlorate	23000	ug/l	4000	1000
	08/03/05 16:17	281572	(MWH200.7/6010B)	Chromium, Total, ICAP	0.071	mg/l	0.020	2
	08/03/05 15:45	281498	(2510B/ SW9050)	Specific Conductance	3960	umho/cm	2.0	1
	08/08/05 00:00	282270	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.8	Units	0.001	1
FB-1 (2508030163)			Sampled on 08/01/05 07:11					
	08/10/05 16:57	282594	(EPA 314)	Perchlorate	ND	ug/l	4.0	1
	08/03/05 16:53	281572	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/04/05 07:26	281575	(MWH SW7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.005	1
	08/03/05 15:45	281498	(2510B/ SW9050)	Specific Conductance	20	umho/cm	2.0	1
	08/08/05 00:00	282268	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	5.7	Units	0.001	1
08/03/05	08/03/05 13:45	281700	(SM 2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1
MD-3 (2508030164)			Sampled on 08/01/05 00:00					
	08/10/05 17:14	282594	(EPA 314)	Perchlorate	22000	ug/l	4000	1000
	08/17/05 12:17	283445	(MWH200.7/6010B)	Chromium, Total, ICAP	0.071	mg/l	0.020	2
	08/03/05 15:45	281498	(2510B/ SW9050)	Specific Conductance	3950	umho/cm	2.0	1
	08/05/05 00:00	281949	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.8	Units	0.001	1
MD-4 (2508030165)			Sampled on 08/01/05 00:00					
	08/10/05 17:31	282594	(EPA 314)	Perchlorate	330000	ug/l	200000	50000
	08/11/05 21:03	282694	(MWH200.7/6010B)	Chromium, Total, ICAP	1.2	mg/l	0.020	2
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/03/05 15:45	281498	(2510B/ SW9050)	Specific Conductance	8190	umho/cm	2.0	1
	08/05/05 00:00	281949	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.8	Units	0.001	1



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Laboratory
QC Summary
#153517

Kerr McGee Chemical Company -
Henderson

QC Ref #281495 - Specific Conductance

Analysis Date: 08/03/2005

2508030137 PC-123
2508030138 PC-124

Analyzed by: sar
Analyzed by: sar

QC Ref #281496 - Specific Conductance

Analysis Date: 08/03/2005

2508030139 PC-125
2508030140 PC-126
2508030141 PC-127
2508030142 PC-128
2508030143 PC-129
2508030144 PC-130
2508030145 PC-131
2508030146 PC-132
2508030147 M-96
2508030149 M-94

Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar

QC Ref #281497 - Specific Conductance

Analysis Date: 08/03/2005

2508030150 PC-54
2508030151 M-48
2508030152 M-23
2508030153 PC-37
2508030154 PC-71
2508030155 PC-72
2508030156 PC-73
2508030158 M-44
2508030159 M-92
2508030160 M-69

Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar

QC Ref #281498 - Specific Conductance

Analysis Date: 08/03/2005

2508030162 M-57A
2508030163 FB-1
2508030164 MD-3
2508030165 MD-4

Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar



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Laboratory
QC Summary
#153517

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #281572 - Chromium, Total, ICAP Analysis Date: 08/03/2005

2508030151	M-48	Analyzed by: wbh
2508030152	M-23	Analyzed by: wbh
2508030158	M-44	Analyzed by: wbh
2508030162	M-57A	Analyzed by: wbh
2508030163	FB-1	Analyzed by: wbh

QC Ref #281575 - Hexavalent chromium (Cr VI) Analysis Date: 08/04/2005

2508030149	M-94	Analyzed by: wbh
2508030158	M-44	Analyzed by: wbh
2508030163	FB-1	Analyzed by: wbh

QC Ref #281700 - Total Dissolved Solid (TDS) Analysis Date: 08/03/2005

2508030149	M-94	Analyzed by: clv
2508030158	M-44	Analyzed by: clv
2508030163	FB-1	Analyzed by: clv

QC Ref #281949 - PH (H1=past HT, not compliant) Analysis Date: 08/05/2005

2508030164	MD-3	Analyzed by: aide
2508030165	MD-4	Analyzed by: aide

QC Ref #281950 - PH (H1=past HT, not compliant) Analysis Date: 08/05/2005

2508030137	PC-123	Analyzed by: aide
2508030138	PC-124	Analyzed by: aide
2508030139	PC-125	Analyzed by: aide
2508030140	PC-126	Analyzed by: aide
2508030141	PC-127	Analyzed by: aide
2508030142	PC-128	Analyzed by: aide
2508030143	PC-129	Analyzed by: aide



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Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #282268 - PH (H1=past HT, not compliant) Analysis Date: 08/08/2005

2508030144	PC-130	Analyzed by: aide
2508030145	PC-131	Analyzed by: aide
2508030146	PC-132	Analyzed by: aide
2508030147	M-96	Analyzed by: aide
2508030150	PC-54	Analyzed by: aide
2508030151	M-48	Analyzed by: aide
2508030158	M-44	Analyzed by: aide
2508030163	FB-1	Analyzed by: aide

QC Ref #282270 - PH (H1=past HT, not compliant) Analysis Date: 08/08/2005

2508030149	M-94	Analyzed by: aide
2508030152	M-23	Analyzed by: aide
2508030153	PC-37	Analyzed by: aide
2508030154	PC-71	Analyzed by: aide
2508030155	PC-72	Analyzed by: aide
2508030156	PC-73	Analyzed by: aide
2508030159	M-92	Analyzed by: aide
2508030160	M-69	Analyzed by: aide
2508030162	M-57A	Analyzed by: aide

QC Ref #282431 - Perchlorate

Analysis Date: 08/09/2005

2508030137	PC-123	Analyzed by: bxs
2508030138	PC-124	Analyzed by: bxs
2508030139	PC-125	Analyzed by: bxs
2508030140	PC-126	Analyzed by: bxs
2508030141	PC-127	Analyzed by: bxs
2508030142	PC-128	Analyzed by: bxs
2508030143	PC-129	Analyzed by: bxs
2508030144	PC-130	Analyzed by: bxs
2508030150	PC-54	Analyzed by: bxs
2508030152	M-23	Analyzed by: bxs



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QC Summary
#153517

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #282594 - Perchlorate

Analysis Date: 08/10/2005

2508030145	PC-131	Analyzed by: bxs
2508030146	PC-132	Analyzed by: bxs
2508030147	M-96	Analyzed by: bxs
2508030149	M-94	Analyzed by: bxs
2508030151	M-48	Analyzed by: bxs
2508030153	PC-37	Analyzed by: bxs
2508030154	PC-71	Analyzed by: bxs
2508030155	PC-72	Analyzed by: bxs
2508030156	PC-73	Analyzed by: bxs
2508030158	M-44	Analyzed by: bxs
2508030159	M-92	Analyzed by: bxs
2508030160	M-69	Analyzed by: bxs
2508030162	M-57A	Analyzed by: bxs
2508030163	FB-1	Analyzed by: bxs
2508030164	MD-3	Analyzed by: bxs
2508030165	MD-4	Analyzed by: bxs

QC Ref #282693 - Chromium, Total, ICAP

Analysis Date: 08/11/2005

2508030137	PC-123	Analyzed by: wbh
2508030138	PC-124	Analyzed by: wbh
2508030139	PC-125	Analyzed by: wbh
2508030140	PC-126	Analyzed by: wbh
2508030141	PC-127	Analyzed by: wbh
2508030142	PC-128	Analyzed by: wbh
2508030143	PC-129	Analyzed by: wbh
2508030144	PC-130	Analyzed by: wbh
2508030145	PC-131	Analyzed by: wbh
2508030146	PC-132	Analyzed by: wbh
2508030147	M-96	Analyzed by: wbh
2508030149	M-94	Analyzed by: wbh
2508030150	PC-54	Analyzed by: wbh
2508030153	PC-37	Analyzed by: wbh
2508030154	PC-71	Analyzed by: wbh
2508030155	PC-72	Analyzed by: wbh
2508030156	PC-73	Analyzed by: wbh
2508030159	M-92	Analyzed by: wbh
2508030160	M-69	Analyzed by: wbh



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Laboratory
QC Summary
#153517

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #282694 - Chromium, Total, ICAP
2508030165 MD-4

Analysis Date: 08/11/2005
Analyzed by: wbh

QC Ref #283445 - Chromium, Total, ICAP
2508030164 MD-3

Analysis Date: 08/17/2005
Analyzed by: wbh



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Laboratory
QC Report
#153517

Kerr McGee Chemical Company -
Henderson

QC Ref #281495 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	5820	5870	UMHO		(0-20)	0.9

QC Ref #281496 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	8770	8750	UMHO		(0-20)	0.2

QC Ref #281497 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	5440	5430	UMHO		(0-20)	0.2

QC Ref #281498 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	8190	8280	UMHO		(0-20)	1.1

QC Ref #281572 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.951	MGL	95.1	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.965	MGL	96.5	(85-115)	1.5
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.931	MGL	93.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.945	MGL	94.5	(70-130)	1.5

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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QC Report
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Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #281575 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	08030163	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.051	MGL	102.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.050	MGL	100.0	(85-115)	2.0
MBLK	Hexavalent chromium (Cr VI)	ND	<0.005	MGL			
MS	Hexavalent chromium (Cr VI)	0.05	0.051	MGL	102.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.05	0.052	MGL	104.0	(70-130)	1.9

QC Ref #281700 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	08020141	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	76	78	MGL		(0-10)	2.6
LCS1	Total Dissolved Solid (TDS)	175	174	MGL	99.4	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	682	MGL	97.4	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			

QC Ref #281949 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	8.0	8.0	UNIT		(0-20)	0.0

QC Ref #281950 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.9	7.9	UNIT		(0-20)	0.0

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Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #282268 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.6	7.6	UNIT		(0-20)	0.0

QC Ref #282270 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	5.9	5.9	UNIT		(0-20)	0.0

QC Ref #282431 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS2	Perchlorate	25.0	25	UGL	100.0	(85-115)	1.2
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.6	UGL	94.4	(70-130)	
MSD	Perchlorate	25.0	24	UGL	96.0	(70-130)	1.7

QC Ref #282594 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS2	Perchlorate	25.0	25	UGL	100.0	(85-115)	0.80
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.7	UGL	94.8	(70-130)	
MSD	Perchlorate	25.0	23.8	UGL	95.2	(70-130)	0.42

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Laboratory
QC Report
#153517

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #282693 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.889	MGL	88.9	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.914	MGL	91.4	(85-115)	2.8
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.965	MGL	96.5	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.941	MGL	94.1	(70-130)	2.5

QC Ref #282694 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.887	MGL	88.7	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.889	MGL	88.9	(85-115)	0.23
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.962	MGL	96.2	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.95	MGL	95.0	(70-130)	1.3

QC Ref #283445 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.915	MGL	91.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.957	MGL	95.7	(85-115)	4.5
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.981	MGL	98.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.979	MGL	97.9	(70-130)	0.20

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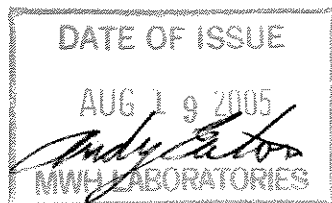
Laboratory Report

for

Kerr McGee Chemical Company - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager



Report#: 153551
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 22 page[s].



1535581

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MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: DC

SAMPLE TEMP, RECEIPT AT LAB: 6°C

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

KERRMCGEE-MP
PROJECT JOB # / P.O.#
Quarterly Groundwater Sampling
Schedule B

Sampler: Michele Brown
Kerr-McGee Chemical LLC
PO Box 55
Henderson, NV 89009
Susan Crowley (702) 651-2234

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CR	PH	FC	CLO4	CR6	TDS	See Bottle Order	SAMPLER Comments
5:04	8-2-05	I-O		RGW	X		X	X	X	X				2 Bottles
5:07	8-2-05	I-A		RGW	X		X	X	X	X				2 Bottles
5:09	8-2-05	I-H		RGW	X		X	X	X	X				2 Bottles
5:17	8-2-05	I-U		RGW	X		X	X	X	X				2 Bottles
5:19	8-2-05	I-T		RGW	X		X	X	X	X				2 Bottles
5:24	8-2-05	I-Q		RGW	X		X	X	X	X				2 Bottles
5:29	8-2-05	I-P		RGW	X		X	X	X	X				2 Bottles
5:32	8-2-05	I-N		RGW	X		X	X	X	X				2 Bottles
5:38	8-2-05	I-E		RGW	X		X	X	X	X				2 Bottles
5:45	8-2-05	I-M		RGW	X		X	X	X	X				2 Bottles
5:49	8-2-05	I-D		RGW	X		X	X	X	X				2 Bottles
5:54	8-2-05	I-C		RGW	X		X	X	X	X				2 Bottles

Reported by Volume:

CFW = Chlor(amin)ated Finished Water
FW = Other Finished Water

RGW = Raw Ground Water
RSW = Raw Surface Water

Reported by Weight:

SO = Soil
SL = Sludge

CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

SIGNATURE

RELINQUISHED BY: Michele Brown
RECEIVED BY: Susan Crowley
RELINQUISHED BY: Dalia Cerpa
RECEIVED BY:

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water NA for Kerr-McGee Chemical LLC

DATE

8-2-05
8-3-05

TIME

12:00PM
14:15



750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

M/LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: ROC

SAMPLE TEMP, RECEIPT AT LAB: ROC

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: **KERRMCGEE-MP** PROJECT JOB # / P.O.#: **Quarterny Groundwater Sampling Schedule B** (check for yes)

SAMPLER: **Michelle Brown** Kerr-McGee Chemical LLC PO Box 55 Henderson, NV 89009

Susan Crowley (702) 651-2234

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)							SAMPLER Comments	
							CR	PH	EC	CLO4	CR6	TDS	See Bottle Order		
5:58	8-2-05	I-L		RGW	X		X	X	X	X					2 Bottles
6:02	8-2-05	I-R		RGW	X		X	X	X	X					2 Bottles
6:05	8-2-05	I-B		RGW	X		X	X	X	X					2 Bottles
6:17	8-2-05	M-79		RGW	X		X	X	X	X					2 Bottles
6:56	8-2-05	M-99		RGW	X		X	X	X	X					2 Bottles
7:08	8-2-05	M-98		RGW	X		X	X	X	X					2 Bottles
8:56	8-2-05	M-97		RGW	X		X	X	X	X					2 Bottles
9:16	8-2-05	M-93		RGW	X		X	X	X	X					2 Bottles
10:37	8-2-05	M-10		RGW	X		X	X	X	X					4 Bottles
	8-2-05	MD-1		RGW	X		X	X	X	X					4 Bottles
10:40	8-2-05	EB-1		RGW	X		X	X	X	X					4 Bottles
				RGW	X		X	X	X	X					Bottles

* MATRIX TYPES: **Reported by Volume:** CFW = Chlor(am)inated Finished Water, FW = Other Finished Water, RGW = Raw Ground Water, RSW = Raw Surface Water

Reported by Weight: SO = Soil, SL = Sludge, CWW = Chlorinated Waste Water, WW = Other Waste Water, SW = Storm Water

RELINQUISHED BY: Michelle Brown SIGNATURE: Michelle Brown PRINT NAME: **Michelle Brown**

RECEIVED BY: Susan Crowley COMPANY/TITLE: **Veolia Water NA for Kerr-McGee Chemical LLC**

RELINQUISHED BY: Susan Crowley DATE: **8-2-05** TIME: **12:00PM**

RECEIVED BY: Daniel Cerda DATE: **8-3-05** TIME: **14:15**

COMPANY/TITLE: **MWH**



Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____

(QC Ref#: 2508030330)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2508030331)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2508030332)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.



MWH Laboratories

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Laboratory
Hits Report
#153551

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
03-aug-2005 15:22:10

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030308	I-O				
08/04/05		Chromium, Total, ICAP	29		mg/l	1.0
08/08/05		PH (H1=past HT, not compliant)	7.4	6.5-8.5	Units	0.001
08/11/05		Perchlorate	2000000		ug/l	200000
08/04/05		Specific Conductance	14000		umho/cm	2.0
	2508030309	I-P				
08/04/05		Chromium, Total, ICAP	34		mg/l	1.0
08/08/05		PH (H1=past HT, not compliant)	7.3	6.5-8.5	Units	0.001
08/11/05		Perchlorate	2000000		ug/l	200000
08/04/05		Specific Conductance	16100		umho/cm	2.0
	2508030310	I-H				
08/04/05		Chromium, Total, ICAP	28		mg/l	1.0
08/08/05		PH (H1=past HT, not compliant)	7.2	6.5-8.5	Units	0.001
08/12/05		Perchlorate	1700000		ug/l	200000
08/04/05		Specific Conductance	14700		umho/cm	2.0
	2508030311	I-U				
08/11/05		Chromium, Total, ICAP	23		mg/l	0.20
08/10/05		Metals digestion performed.	Y		Yes/No	
08/08/05		PH (H1=past HT, not compliant)	7.4	6.5-8.5	Units	0.001
08/12/05		Perchlorate	2000000		ug/l	200000
08/04/05		Specific Conductance	15400		umho/cm	2.0
	2508030312	I-T				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#153551

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
03-aug-2005 15:22:10

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030312	I-T				
08/04/05		Chromium, Total, ICAP	29		mg/l	1.0
08/08/05		PH (H1=past HT, not compliant)	7.5	6.5-8.5	Units	0.001
08/12/05		Perchlorate	2100000		ug/l	200000
08/04/05		Specific Conductance	16500		umho/cm	2.0
	2508030313	I-Q				
08/11/05		Chromium, Total, ICAP	27		mg/l	0.20
08/10/05		Metals digestion performed.	Y		Yes/No	
08/08/05		PH (H1=past HT, not compliant)	7.4	6.5-8.5	Units	0.001
08/12/05		Perchlorate	1800000		ug/l	200000
08/04/05		Specific Conductance	16300		umho/cm	2.0
	2508030314	I-F				
08/04/05		Chromium, Total, ICAP	29		mg/l	1.0
08/08/05		PH (H1=past HT, not compliant)	7.4	6.5-8.5	Units	0.001
08/12/05		Perchlorate	1500000		ug/l	200000
08/04/05		Specific Conductance	15100		umho/cm	2.0
	2508030315	I-N				
08/11/05		Chromium, Total, ICAP	12		mg/l	0.20
08/10/05		Metals digestion performed.	Y		Yes/No	
08/08/05		PH (H1=past HT, not compliant)	7.4	6.5-8.5	Units	0.001
08/12/05		Perchlorate	3200000		ug/l	200000
08/04/05		Specific Conductance	13900		umho/cm	2.0
	2508030316	I-E				

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Hits Report
#153551

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
03-aug-2005 15:22:10

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030316	I-E				
08/17/05		Chromium, Total, ICAP	10		mg/l	0.10
08/08/05		PH (H1=past HT, not compliant)	7.4	6.5-8.5	Units	0.001
08/12/05		Perchlorate	1300000		ug/l	80000
08/04/05		Specific Conductance	10400		umho/cm	2.0
	2508030317	I-M				
08/17/05		Chromium, Total, ICAP	10		mg/l	0.10
08/08/05		PH (H1=past HT, not compliant)	7.5	6.5-8.5	Units	0.001
08/12/05		Perchlorate	1100000		ug/l	80000
08/04/05		Specific Conductance	9850		umho/cm	2.0
	2508030318	I-D				
08/11/05		Chromium, Total, ICAP	8.2		mg/l	0.10
08/10/05		Metals digestion performed.	Y		Yes/No	
08/08/05		PH (H1=past HT, not compliant)	7.7	6.5-8.5	Units	0.001
08/12/05		Perchlorate	1100000		ug/l	80000
08/04/05		Specific Conductance	10100		umho/cm	2.0
	2508030319	I-C				
08/11/05		Chromium, Total, ICAP	3.9		mg/l	0.020
08/10/05		Metals digestion performed.	Y		Yes/No	
08/08/05		PH (H1=past HT, not compliant)	7.6	6.5-8.5	Units	0.001
08/12/05		Perchlorate	1400000		ug/l	200000
08/04/05		Specific Conductance	9430		umho/cm	2.0

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Laboratory
Hits Report
#153551

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
03-aug-2005 15:22:10

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030320	I-L				
	2508030320	I-L				
08/17/05		Chromium, Total, ICAP	1.7		mg/l	0.020
08/09/05		PH (H1=past HT, not compliant)	7.4	6.5-8.5	Units	0.001
08/12/05		Perchlorate	2000000		ug/l	200000
08/04/05		Specific Conductance	10100		umho/cm	2.0
	2508030321	I-R				
08/11/05		Chromium, Total, ICAP	0.81		mg/l	0.020
08/10/05		Metals digestion performed.	Y		Yes/No	
08/09/05		PH (H1=past HT, not compliant)	7.5	6.5-8.5	Units	0.001
08/12/05		Perchlorate	3000000		ug/l	200000
08/04/05		Specific Conductance	9700		umho/cm	2.0
	2508030322	I-B				
08/17/05		Chromium, Total, ICAP	0.40		mg/l	0.020
08/09/05		PH (H1=past HT, not compliant)	7.5	6.5-8.5	Units	0.001
08/12/05		Perchlorate	2300000		ug/l	200000
08/04/05		Specific Conductance	7990		umho/cm	2.0
	2508030323	M-79				
08/11/05		Chromium, Total, ICAP	0.054		mg/l	0.020
08/10/05		Metals digestion performed.	Y		Yes/No	
08/09/05		PH (H1=past HT, not compliant)	7.4	6.5-8.5	Units	0.001
08/12/05		Perchlorate	18000		ug/l	4000

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Laboratory
 Hits Report
 #153551

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
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Samples Received
 03-aug-2005 15:22:10

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030323	M-79				
08/04/05	Specific Conductance		1520		umho/cm	2.0
	2508030324	M-99				
08/17/05	Chromium, Total, ICAP		0.77		mg/l	0.020
08/09/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
08/12/05	Perchlorate		1000000		ug/l	80000
08/04/05	Specific Conductance		7030		umho/cm	2.0
	2508030325	M-98				
08/11/05	Chromium, Total, ICAP		0.080		mg/l	0.020
08/10/05	Metals digestion performed.		Y		Yes/No	
08/09/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
08/12/05	Perchlorate		53000		ug/l	4000
08/04/05	Specific Conductance		5970		umho/cm	2.0
	2508030326	M-97				
08/11/05	Chromium, Total, ICAP		0.044		mg/l	0.020
08/10/05	Metals digestion performed.		Y		Yes/No	
08/09/05	PH (H1=past HT, not compliant)		7.7	6.5-8.5	Units	0.001
08/12/05	Perchlorate		47000		ug/l	2000
08/04/05	Specific Conductance		4190		umho/cm	2.0
	2508030327	M-93				
08/11/05	Chromium, Total, ICAP		0.085		mg/l	0.020
08/10/05	Metals digestion performed.		Y		Yes/No	

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Laboratory
 Hits Report
 #153551

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 03-aug-2005 15:22:10

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508030327	M-93				
08/09/05			PH (H1=past HT, not compliant)	8.0	6.5-8.5 Units	0.001
08/15/05			Perchlorate	7000	ug/l	800
08/04/05			Specific Conductance	3100	umho/cm	2.0
	2508030330	M-10				
08/11/05			Chromium, Total, ICAP	0.80	mg/l	0.020
08/10/05			Metals digestion performed.	Y	Yes/No	
08/09/05			PH (H1=past HT, not compliant)	7.2	6.5-8.5 Units	0.001
08/15/05			Perchlorate	28000	ug/l	2000
08/04/05			Specific Conductance	3710	umho/cm	2.0
08/04/05			Total Dissolved Solid (TDS)	3320	500 mg/l	10
	2508030331	MD-1				
08/11/05			Chromium, Total, ICAP	0.85	mg/l	0.020
08/10/05			Metals digestion performed.	Y	Yes/No	
08/08/05			PH (H1=past HT, not compliant)	7.4	6.5-8.5 Units	0.001
08/16/05			Perchlorate	28000	ug/l	4000
08/04/05			Specific Conductance	3720	umho/cm	2.0
08/04/05			Total Dissolved Solid (TDS)	3280	500 mg/l	10
	2508030332	EB-1				
08/10/05			Metals digestion performed.	Y	Yes/No	
08/09/05			PH (H1=past HT, not compliant)	6.7	6.5-8.5 Units	0.001
08/16/05			Perchlorate	8.0	ug/l	4.0
08/04/05			Specific Conductance	6.3	umho/cm	2.0



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Laboratory
Data Report
#153551

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
08/03/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-O (2508030308) Sampled on 08/02/05 05:04								
	08/11/05 17:58	282744	(EPA 314)	Perchlorate	2000000	ug/l	200000	50000
	08/04/05 15:27	281730	(MWH200.7/6010B)	Chromium, Total, ICAP	29	mg/l	1.0	100
	08/04/05 14:17	281743	(2510B/ SW9050)	Specific Conductance	14000	umho/cm	2.0	1
	08/08/05 00:00	282271	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.4	Units	0.001	1
I-P (2508030309) Sampled on 08/02/05 05:07								
	08/11/05 18:15	282744	(EPA 314)	Perchlorate	2000000	ug/l	200000	50000
	08/04/05 15:24	281730	(MWH200.7/6010B)	Chromium, Total, ICAP	34	mg/l	1.0	100
	08/04/05 14:17	281743	(2510B/ SW9050)	Specific Conductance	16100	umho/cm	2.0	1
	08/08/05 00:00	282271	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.3	Units	0.001	1
I-H (2508030310) Sampled on 08/02/05 05:09								
	08/12/05 13:25	283253	(EPA 314)	Perchlorate	1700000	ug/l	200000	50000
	08/04/05 15:52	281730	(MWH200.7/6010B)	Chromium, Total, ICAP	28	mg/l	1.0	100
	08/04/05 14:17	281743	(2510B/ SW9050)	Specific Conductance	14700	umho/cm	2.0	1
	08/08/05 00:00	282273	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.2	Units	0.001	1
I-U (2508030311) Sampled on 08/02/05 05:17								
	08/12/05 13:42	283253	(EPA 314)	Perchlorate	2000000	ug/l	200000	50000
	08/11/05 21:59	282694	(MWH200.7/6010B)	Chromium, Total, ICAP	23	mg/l	0.20	20
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/04/05 14:17	281743	(2510B/ SW9050)	Specific Conductance	15400	umho/cm	2.0	1
	08/08/05 00:00	282273	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.4	Units	0.001	1
I-T (2508030312) Sampled on 08/02/05 05:19								
	08/12/05 13:59	283253	(EPA 314)	Perchlorate	2100000	ug/l	200000	50000
	08/04/05 15:45	281730	(MWH200.7/6010B)	Chromium, Total, ICAP	29	mg/l	1.0	100
	08/04/05 14:17	281743	(2510B/ SW9050)	Specific Conductance	16500	umho/cm	2.0	1
	08/08/05 00:00	282273	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.5	Units	0.001	1



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Laboratory
Data Report
#153551

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-Q (2508030313) Sampled on 08/02/05 05:24								
	08/12/05 15:41	283253	(EPA 314)	Perchlorate	1800000	ug/l	200000	50000
	08/11/05 21:06	282694	(MWH200.7/6010B)	Chromium, Total, ICAP	27	mg/l	0.20	20
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/04/05 14:32	281744	(2510B/ SW9050)	Specific Conductance	16300	umho/cm	2.0	1
	08/08/05 00:00	282273	(4500HB/ E 150)	PH (HI=past HT, not compliant)	7.4	Units	0.001	1
I-F (2508030314) Sampled on 08/02/05 05:29								
	08/12/05 15:58	283253	(EPA 314)	Perchlorate	1500000	ug/l	200000	50000
	08/04/05 15:31	281730	(MWH200.7/6010B)	Chromium, Total, ICAP	29	mg/l	1.0	100
	08/04/05 14:32	281744	(2510B/ SW9050)	Specific Conductance	15100	umho/cm	2.0	1
	08/08/05 00:00	282273	(4500HB/ E 150)	PH (HI=past HT, not compliant)	7.4	Units	0.001	1
I-N (2508030315) Sampled on 08/02/05 05:32								
	08/12/05 16:15	283253	(EPA 314)	Perchlorate	3200000	ug/l	200000	50000
	08/11/05 22:03	282694	(MWH200.7/6010B)	Chromium, Total, ICAP	12	mg/l	0.20	20
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/04/05 14:32	281744	(2510B/ SW9050)	Specific Conductance	13900	umho/cm	2.0	1
	08/08/05 00:00	282273	(4500HB/ E 150)	PH (HI=past HT, not compliant)	7.4	Units	0.001	1
I-E (2508030316) Sampled on 08/02/05 05:38								
	08/12/05 16:33	283253	(EPA 314)	Perchlorate	1300000	ug/l	80000	20000
	08/17/05 12:38	283445	(MWH200.7/6010B)	Chromium, Total, ICAP	10	mg/l	0.10	10
	08/04/05 14:32	281744	(2510B/ SW9050)	Specific Conductance	10400	umho/cm	2.0	1
	08/08/05 00:00	282273	(4500HB/ E 150)	PH (HI=past HT, not compliant)	7.4	Units	0.001	1
I-M (2508030317) Sampled on 08/02/05 05:45								
	08/12/05 17:07	283253	(EPA 314)	Perchlorate	1100000	ug/l	80000	20000
	08/17/05 12:34	283445	(MWH200.7/6010B)	Chromium, Total, ICAP	10	mg/l	0.10	10
	08/04/05 14:32	281744	(2510B/ SW9050)	Specific Conductance	9850	umho/cm	2.0	1
	08/08/05 00:00	282273	(4500HB/ E 150)	PH (HI=past HT, not compliant)	7.5	Units	0.001	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-D (2508030318) Sampled on 08/02/05 05:49								
	08/12/05 17:24	283253	(EPA 314)	Perchlorate	1100000	ug/l	80000	20000
	08/11/05 21:11	282694	(MWH200.7/6010B)	Chromium, Total, ICAP	8.2	mg/l	0.10	10
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/04/05 14:32	281744	(2510B/ SW9050)	Specific Conductance	10100	umho/cm	2.0	1
	08/08/05 00:00	282273	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.7	Units	0.001	1
I-C (2508030319) Sampled on 08/02/05 05:54								
	08/12/05 17:41	283253	(EPA 314)	Perchlorate	1400000	ug/l	200000	50000
	08/11/05 22:07	282694	(MWH200.7/6010B)	Chromium, Total, ICAP	3.9	mg/l	0.020	2
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/04/05 14:32	281744	(2510B/ SW9050)	Specific Conductance	9430	umho/cm	2.0	1
	08/08/05 00:00	282273	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.6	Units	0.001	1
I-L (2508030320) Sampled on 08/02/05 05:58								
	08/12/05 17:58	283253	(EPA 314)	Perchlorate	2000000	ug/l	200000	50000
	08/17/05 12:29	283445	(MWH200.7/6010B)	Chromium, Total, ICAP	1.7	mg/l	0.020	2
	08/04/05 14:32	281744	(2510B/ SW9050)	Specific Conductance	10100	umho/cm	2.0	1
	08/09/05 00:00	282368	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.4	Units	0.001	1
I-R (2508030321) Sampled on 08/02/05 06:02								
	08/12/05 18:15	283253	(EPA 314)	Perchlorate	3000000	ug/l	200000	50000
	08/11/05 21:26	282694	(MWH200.7/6010B)	Chromium, Total, ICAP	0.81	mg/l	0.020	2
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/04/05 14:32	281744	(2510B/ SW9050)	Specific Conductance	9700	umho/cm	2.0	1
	08/09/05 00:00	282368	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.5	Units	0.001	1
I-B (2508030322) Sampled on 08/02/05 06:05								
	08/12/05 18:32	283253	(EPA 314)	Perchlorate	2300000	ug/l	200000	50000
	08/17/05 12:21	283445	(MWH200.7/6010B)	Chromium, Total, ICAP	0.40	mg/l	0.020	2
	08/04/05 14:32	281744	(2510B/ SW9050)	Specific Conductance	7990	umho/cm	2.0	1
	08/09/05 00:00	282368	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.5	Units	0.001	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-79 (2508030323) Sampled on 08/02/05 06:17								
	08/12/05 18:49	283253	(EPA 314)	Perchlorate	18000	ug/l	4000	1000
	08/11/05 21:15	282694	(MWH200.7/6010B)	Chromium, Total, ICAP	0.054	mg/l	0.020	2
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/04/05 14:48	281745	(2510B/ SW9050)	Specific Conductance	1520	umho/cm	2.0	1
	08/09/05 00:00	282368	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.4	Units	0.001	1
M-99 (2508030324) Sampled on 08/02/05 06:56								
	08/12/05 19:06	283253	(EPA 314)	Perchlorate	1000000	ug/l	80000	20000
	08/17/05 12:25	283445	(MWH200.7/6010B)	Chromium, Total, ICAP	0.77	mg/l	0.020	2
	08/04/05 14:48	281745	(2510B/ SW9050)	Specific Conductance	7030	umho/cm	2.0	1
	08/09/05 00:00	282368	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.6	Units	0.001	1
M-98 (2508030325) Sampled on 08/02/05 07:08								
	08/12/05 19:23	283253	(EPA 314)	Perchlorate	53000	ug/l	4000	1000
	08/11/05 21:19	282694	(MWH200.7/6010B)	Chromium, Total, ICAP	0.080	mg/l	0.020	2
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/04/05 14:48	281745	(2510B/ SW9050)	Specific Conductance	5970	umho/cm	2.0	1
	08/09/05 00:00	282368	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.6	Units	0.001	1
M-97 (2508030326) Sampled on 08/02/05 08:56								
	08/12/05 19:40	283253	(EPA 314)	Perchlorate	47000	ug/l	2000	500
	08/11/05 21:22	282694	(MWH200.7/6010B)	Chromium, Total, ICAP	0.044	mg/l	0.020	2
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/04/05 14:48	281745	(2510B/ SW9050)	Specific Conductance	4190	umho/cm	2.0	1
	08/09/05 00:00	282369	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.7	Units	0.001	1
M-93 (2508030327) Sampled on 08/02/05 09:16								
	08/15/05 18:31	283258	(EPA 314)	Perchlorate	7000	ug/l	800	200
	08/11/05 21:30	282694	(MWH200.7/6010B)	Chromium, Total, ICAP	0.085	mg/l	0.020	2
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/04/05 14:48	281745	(2510B/ SW9050)	Specific Conductance	3100	umho/cm	2.0	1
	08/09/05 00:00	282496	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	8.0	Units	0.001	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-10 (2508030330) Sampled on 08/02/05 10:37								
	08/15/05 18:48	283258	(EPA 314)	Perchlorate	28000	ug/l	2000	500
	08/11/05 21:33	282694	(MWH200.7/6010B)	Chromium, Total, ICAP	0.80	mg/l	0.020	2
	08/04/05 07:26	281575	(MWH SW7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.005	1
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/04/05 14:48	281745	(2510B/ SW9050)	Specific Conductance	3710	umho/cm	2.0	1
	08/09/05 00:00	282496	(4500HB/ E 150)	PH (H1=past HT, not compliant)	7.2	Units	0.001	1
08/04/05	08/04/05 11:30	281852	(SM 2540C)	Total Dissolved Solid (TDS)	3320	mg/l	10	1
MD-1 (2508030331) Sampled on 08/02/05 00:00								
	08/16/05 13:36	283381	(EPA 314)	Perchlorate	28000	ug/l	4000	1000
	08/11/05 21:52	282694	(MWH200.7/6010B)	Chromium, Total, ICAP	0.85	mg/l	0.020	2
	08/04/05 07:26	281575	(MWH SW7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.005	1
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/04/05 14:48	281745	(2510B/ SW9050)	Specific Conductance	3720	umho/cm	2.0	1
	08/08/05 00:00	282271	(4500HB/ E 150)	PH (H1=past HT, not compliant)	7.4	Units	0.001	1
08/04/05	08/04/05 11:30	281852	(SM 2540C)	Total Dissolved Solid (TDS)	3280	mg/l	10	1
EB-1 (2508030332) Sampled on 08/02/05 10:40								
	08/16/05 14:07	283381	(EPA 314)	Perchlorate	8.0	ug/l	4.0	1
	08/11/05 20:35	282694	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/04/05 07:26	281575	(MWH SW7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.005	1
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/04/05 14:48	281745	(2510B/ SW9050)	Specific Conductance	6.3	umho/cm	2.0	1
	08/09/05 00:00	282496	(4500HB/ E 150)	PH (H1=past HT, not compliant)	6.7	Units	0.001	1
08/04/05	08/04/05 11:30	281852	(SM 2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1



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QC Ref #281575 - Hexavalent chromium (Cr VI) Analysis Date: 08/04/2005

2508030330	M-10	Analyzed by: wbh
2508030331	MD-1	Analyzed by: wbh
2508030332	EB-1	Analyzed by: wbh

QC Ref #281730 - Chromium, Total, ICAP Analysis Date: 08/04/2005

2508030308	I-O	Analyzed by: wbh
2508030309	I-P	Analyzed by: wbh
2508030310	I-H	Analyzed by: wbh
2508030312	I-T	Analyzed by: wbh
2508030314	I-F	Analyzed by: wbh

QC Ref #281743 - Specific Conductance Analysis Date: 08/04/2005

2508030308	I-O	Analyzed by: sar
2508030309	I-P	Analyzed by: sar
2508030310	I-H	Analyzed by: sar
2508030311	I-U	Analyzed by: sar
2508030312	I-T	Analyzed by: sar

QC Ref #281744 - Specific Conductance Analysis Date: 08/04/2005

2508030313	I-Q	Analyzed by: sar
2508030314	I-F	Analyzed by: sar
2508030315	I-N	Analyzed by: sar
2508030316	I-E	Analyzed by: sar
2508030317	I-M	Analyzed by: sar
2508030318	I-D	Analyzed by: sar
2508030319	I-C	Analyzed by: sar
2508030320	I-L	Analyzed by: sar
2508030321	I-R	Analyzed by: sar
2508030322	I-B	Analyzed by: sar



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QC Ref #281745 - Specific Conductance

Analysis Date: 08/04/2005

2508030323	M-79	Analyzed by: sar
2508030324	M-99	Analyzed by: sar
2508030325	M-98	Analyzed by: sar
2508030326	M-97	Analyzed by: sar
2508030327	M-93	Analyzed by: sar
2508030330	M-10	Analyzed by: sar
2508030331	MD-1	Analyzed by: sar
2508030332	EB-1	Analyzed by: sar

QC Ref #281852 - Total Dissolved Solid (TDS)

Analysis Date: 08/04/2005

2508030330	M-10	Analyzed by: clv
2508030331	MD-1	Analyzed by: clv
2508030332	EB-1	Analyzed by: clv

QC Ref #282271 - PH (H1=past HT, not compliant) Analysis Date: 08/08/2005

2508030308	I-O	Analyzed by: aide
2508030309	I-P	Analyzed by: aide
2508030331	MD-1	Analyzed by: aide

QC Ref #282273 - PH (H1=past HT, not compliant) Analysis Date: 08/08/2005

2508030310	I-H	Analyzed by: aide
2508030311	I-U	Analyzed by: aide
2508030312	I-T	Analyzed by: aide
2508030313	I-Q	Analyzed by: aide
2508030314	I-F	Analyzed by: aide
2508030315	I-N	Analyzed by: aide
2508030316	I-E	Analyzed by: aide
2508030317	I-M	Analyzed by: aide
2508030318	I-D	Analyzed by: aide
2508030319	I-C	Analyzed by: aide



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QC Ref #282368 - PH (H1=past HT, not compliant) Analysis Date: 08/09/2005

2508030320	I-L	Analyzed by: aide
2508030321	I-R	Analyzed by: aide
2508030322	I-B	Analyzed by: aide
2508030323	M-79	Analyzed by: aide
2508030324	M-99	Analyzed by: aide
2508030325	M-98	Analyzed by: aide

QC Ref #282369 - PH (H1=past HT, not compliant) Analysis Date: 08/09/2005

2508030326	M-97	Analyzed by: aide
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QC Ref #282496 - PH (H1=past HT, not compliant) Analysis Date: 08/09/2005

2508030327	M-93	Analyzed by: aide
2508030330	M-10	Analyzed by: aide
2508030332	EB-1	Analyzed by: aide

QC Ref #282694 - Chromium, Total, ICAP Analysis Date: 08/11/2005

2508030311	I-U	Analyzed by: wbh
2508030313	I-Q	Analyzed by: wbh
2508030315	I-N	Analyzed by: wbh
2508030318	I-D	Analyzed by: wbh
2508030319	I-C	Analyzed by: wbh
2508030321	I-R	Analyzed by: wbh
2508030323	M-79	Analyzed by: wbh
2508030325	M-98	Analyzed by: wbh
2508030326	M-97	Analyzed by: wbh
2508030327	M-93	Analyzed by: wbh
2508030330	M-10	Analyzed by: wbh
2508030331	MD-1	Analyzed by: wbh
2508030332	EB-1	Analyzed by: wbh



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QC Ref #283445 - Chromium, Total, ICAP

Analysis Date: 08/17/2005

2508030316	I-E	Analyzed by: wbh
2508030317	I-M	Analyzed by: wbh
2508030320	I-L	Analyzed by: wbh
2508030322	I-B	Analyzed by: wbh
2508030324	M-99	Analyzed by: wbh



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QC Ref #281575 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	08030163	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.051	MGL	102.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.050	MGL	100.0	(85-115)	2.0
MBLK	Hexavalent chromium (Cr VI)	ND	<0.005	MGL			
MS	Hexavalent chromium (Cr VI)	0.05	0.051	MGL	102.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.05	0.052	MGL	104.0	(70-130)	1.9

QC Ref #281730 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.977	MGL	97.7	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.974	MGL	97.4	(85-115)	0.31
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.953	MGL	95.3	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.956	MGL	95.6	(70-130)	0.31

QC Ref #281743 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	16500	16600	UMHO		(0-20)	0.6

QC Ref #281744 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7990	8040	UMHO		(0-20)	0.6

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
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QC Ref #281745 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	10100	10300	UMHO		(0-20)	2.0

QC Ref #281852 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	08030794	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	286	286	MGL		(0-10)	0.0
LCS1	Total Dissolved Solid (TDS)	175	180	MGL	102.9	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	700	MGL	100.0	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			

QC Ref #282271 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.3	7.3	UNIT		(0-20)	0.0

QC Ref #282273 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.6	7.6	UNIT		(0-20)	0.0

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QC Ref #282368 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.5	7.5	UNIT		(0-20)	0.0

QC Ref #282369 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.8	7.8	UNIT		(0-20)	0.0

QC Ref #282496 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.8	7.8	UNIT		(0-20)	0.0

QC Ref #282694 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.887	MGL	88.7	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.889	MGL	88.9	(85-115)	0.23
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.962	MGL	96.2	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.95	MGL	95.0	(70-130)	1.3

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QC Ref #282744 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	2.4
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.4	UGL	101.6	(70-130)	
MSD	Perchlorate	25.0	25.2	UGL	100.8	(70-130)	0.79

QC Ref #283253 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25	UGL	100.0	(85-115)	
LCS2	Perchlorate	25.0	24.9	UGL	99.6	(85-115)	0.40
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.4	UGL	97.6	(70-130)	
MSD	Perchlorate	25.0	24.1	UGL	96.4	(70-130)	1.2

QC Ref #283258 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS2	Perchlorate	25.0	25	UGL	100.0	(85-115)	0.80
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.4	UGL	97.6	(70-130)	
MSD	Perchlorate	25.0	24.6	UGL	98.4	(70-130)	0.82

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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Laboratory
QC Report
#153551

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #283381

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS2	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	1.2
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.4	UGL	97.6	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	1.2

QC Ref #283445

Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.915	MGL	91.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.957	MGL	95.7	(85-115)	4.5
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.981	MGL	98.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.979	MGL	97.9	(70-130)	0.20

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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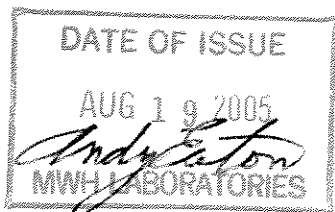
Laboratory Report

for

Kerr McGee Chemical Company - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager
Report#152176R replaces the original Report.



Report#: 152176R
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 18 page[s].



Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____

Group Comments

Report Revised to add analysis time on PC98R. No results changed.

~~(QC Ref#: 2507150412)~~ *ADK 8/19/05*

~~QC Type: Y~~

~~Report Revised to correct CLO4 results.~~



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Laboratory
Hits Report
#152176

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
15-jul-2005 22:22:55

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507150388	PC-91				
07/22/05	Perchlorate		16000		ug/l	2000
07/18/05	Specific Conductance		8590		umho/cm	2.0
	2507150390	PC-95				
07/25/05	Perchlorate		1000		ug/l	80
07/18/05	Specific Conductance		3420		umho/cm	2.0
	2507150391	PC-97				
07/22/05	Perchlorate		4000		ug/l	2000
07/18/05	Specific Conductance		3800		umho/cm	2.0
	2507150392	PC-12				
07/22/05	Perchlorate		68000		ug/l	4000
07/18/05	Specific Conductance		9100		umho/cm	2.0
	2507150393	PC-17				
07/22/05	Perchlorate		500000		ug/l	40000
07/18/05	Specific Conductance		12400		umho/cm	2.0
	2507150394	PC-18				
07/22/05	Perchlorate		420000		ug/l	40000
07/18/05	Specific Conductance		13300		umho/cm	2.0
	2507150395	PC-55				

SUMMARY OF POSITIVE DATA ONLY.



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Hits Report
#152176

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
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Samples Received
15-jul-2005 22:22:55

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507150395	PC-55				
07/22/05	Perchlorate		2000		ug/l	800
07/18/05	Specific Conductance		10900		umho/cm	2.0
	2507150396	PC-101R				
07/22/05	Perchlorate		190000		ug/l	20000
07/18/05	Specific Conductance		12000		umho/cm	2.0
	2507150397	L-635				
07/22/05	Perchlorate		95		ug/l	8.0
07/18/05	Specific Conductance		9740		umho/cm	2.0
	2507150398	L-637				
07/22/05	Perchlorate		99		ug/l	8.0
07/18/05	Specific Conductance		11400		umho/cm	2.0
	2507150399	MWK-4				
07/22/05	Perchlorate		210000		ug/l	20000
07/18/05	Specific Conductance		7880		umho/cm	2.0
	2507150400	ARP-1				
07/22/05	Perchlorate		97		ug/l	8.0
07/18/05	Specific Conductance		8460		umho/cm	2.0

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Samples Received
15-jul-2005 22:22:55

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507150401	ARP-2				
	2507150401	ARP-2				
07/22/05	Perchlorate		6000		ug/l	400
07/18/05	Specific Conductance		10300		umho/cm	2.0
	2507150402	ARP-3				
07/22/05	Perchlorate		120000		ug/l	20000
07/18/05	Specific Conductance		12900		umho/cm	2.0
	2507150403	ARP-4				
07/25/05	Perchlorate		56000		ug/l	20000
07/18/05	Specific Conductance		7090		umho/cm	2.0
	2507150404	ARP-5				
07/25/05	Perchlorate		280000		ug/l	40000
07/18/05	Specific Conductance		10100		umho/cm	2.0
	2507150405	ARP-6A				
07/25/05	Perchlorate		34000		ug/l	2000
07/18/05	Specific Conductance		11800		umho/cm	2.0
	2507150406	ARP-7				
07/25/05	Perchlorate		4000		ug/l	800

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#152176

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Henderson
Susan Crowley
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Henderson , NV 89009

Samples Received
15-jul-2005 22:22:55

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507150406	ARP-7				
07/18/05		Specific Conductance	5590		umho/cm	2.0
	2507150407	PC-53				
07/25/05		Perchlorate	2000		ug/l	400
07/18/05		Specific Conductance	4070		umho/cm	2.0
	2507150408	PC-103				
07/25/05		Perchlorate	3000		ug/l	200
07/18/05		Specific Conductance	6320		umho/cm	2.0
	2507150409	MWK-5				
07/25/05		Perchlorate	14000		ug/l	4000
07/18/05		Specific Conductance	4330		umho/cm	2.0
	2507150410	M-83				
07/25/05		Perchlorate	61000		ug/l	8000
07/18/05		Specific Conductance	2140		umho/cm	2.0
	2507150411	M-87				
07/25/05		Perchlorate	110000		ug/l	20000
07/18/05		Specific Conductance	2190		umho/cm	2.0
	2507150412	PC-98R				



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Laboratory
 Hits Report
 #152176

Kerr McGee Chemical Company -
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 Susan Crowley
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Samples Received
 15-jul-2005 22:22:55

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507150412	PC-98R				
07/25/05	Perchlorate		42000		ug/l	8000
07/18/05	Specific Conductance		8590		umho/cm	2.0
	2507150413	PC-86				
07/25/05	Perchlorate		7000		ug/l	2000
07/18/05	Specific Conductance		4760		umho/cm	2.0
	2507150414	PC-89				
07/25/05	Perchlorate		32000		ug/l	8000
07/18/05	Specific Conductance		6950		umho/cm	2.0
	2507150415	PC-56				
07/25/05	Perchlorate		4000		ug/l	4000
07/18/05	Specific Conductance		5490		umho/cm	2.0
	2507150416	PC-58				
07/25/05	Perchlorate		8000		ug/l	800
07/18/05	Specific Conductance		7540		umho/cm	2.0
	2507150417	PC-59				
07/25/05	Perchlorate		14000		ug/l	4000
07/18/05	Specific Conductance		6600		umho/cm	2.0
	2507150418	PC-60				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
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Henderson
Susan Crowley
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Samples Received
15-jul-2005 22:22:55

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2507150418	PC-60				
07/25/05	Perchlorate		18000		ug/l	4000
07/18/05	Specific Conductance		6550		umho/cm	2.0
	2507150419	PC-62				
07/25/05	Perchlorate		5000		ug/l	4000
07/18/05	Specific Conductance		4680		umho/cm	2.0
	2507150420	PC-68				
07/25/05	Perchlorate		660		ug/l	400
07/18/05	Specific Conductance		3460		umho/cm	2.0
	2507150421	PC-122				
07/26/05	Perchlorate		7000		ug/l	800
07/18/05	Specific Conductance		9540		umho/cm	2.0



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Data Report
#152176

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
07/15/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-91 (2507150388) Sampled on 07/11/05 09:31								
	07/22/05 14:57	280133	(EPA 314	) Perchlorate	16000	ug/l	2000	500
	07/18/05 13:53	279214	(2510B/ SW9050	) Specific Conductance	8590	umho/cm	2.0	1
PC-95 (2507150390) Sampled on 07/11/05 08:46								
	07/25/05 15:38	280330	(EPA 314	) Perchlorate	1000	ug/l	80	20
	07/18/05 13:53	279214	(2510B/ SW9050	) Specific Conductance	3420	umho/cm	2.0	1
PC-97 (2507150391) Sampled on 07/11/05 08:30								
	07/22/05 15:31	280133	(EPA 314	) Perchlorate	4000	ug/l	2000	500
	07/18/05 14:08	279215	(2510B/ SW9050	) Specific Conductance	3800	umho/cm	2.0	1
PC-12 (2507150392) Sampled on 07/11/05 09:42								
	07/22/05 15:48	280133	(EPA 314	) Perchlorate	68000	ug/l	4000	1000
	07/18/05 14:08	279215	(2510B/ SW9050	) Specific Conductance	9100	umho/cm	2.0	1
PC-17 (2507150393) Sampled on 07/11/05 10:08								
	07/22/05 16:22	280133	(EPA 314	) Perchlorate	500000	ug/l	40000	10000
	07/18/05 14:08	279215	(2510B/ SW9050	) Specific Conductance	12400	umho/cm	2.0	1
PC-18 (2507150394) Sampled on 07/11/05 10:36								
	07/22/05 16:39	280133	(EPA 314	) Perchlorate	420000	ug/l	40000	10000
	07/18/05 14:08	279215	(2510B/ SW9050	) Specific Conductance	13300	umho/cm	2.0	1
PC-55 (2507150395) Sampled on 07/11/05 07:02								
	07/22/05 16:56	280133	(EPA 314	) Perchlorate	2000	ug/l	800	200
	07/18/05 14:08	279215	(2510B/ SW9050) Specific Conductance	10900	umho/cm	2.0	1



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Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-101R (2507150396) Sampled on 07/11/05 10:21								
	07/22/05 17:13	280133	(EPA 314)	Perchlorate	190000	ug/l	20000	5000
	07/18/05 14:08	279215	(2510B/ SW9050)	Specific Conductance	12000	umho/cm	2.0	1
L-635 (2507150397) Sampled on 07/11/05 07:32								
	07/22/05 17:30	280133	(EPA 314)	Perchlorate	95	ug/l	8.0	2
	07/18/05 14:08	279215	(2510B/ SW9050)	Specific Conductance	9740	umho/cm	2.0	1
L-637 (2507150398) Sampled on 07/11/05 08:05								
	07/22/05 17:47	280133	(EPA 314)	Perchlorate	99	ug/l	8.0	2
	07/18/05 14:08	279215	(2510B/ SW9050)	Specific Conductance	11400	umho/cm	2.0	1
MWK-4 (2507150399) Sampled on 07/11/05 09:10								
	07/22/05 18:04	280133	(EPA 314)	Perchlorate	210000	ug/l	20000	5000
	07/18/05 14:08	279215	(2510B/ SW9050)	Specific Conductance	7880	umho/cm	2.0	1
ARP-1 (2507150400) Sampled on 07/11/05 08:02								
	07/22/05 18:21	280133	(EPA 314)	Perchlorate	97	ug/l	8.0	2
	07/18/05 14:08	279215	(2510B/ SW9050)	Specific Conductance	8460	umho/cm	2.0	1
ARP-2 (2507150401) Sampled on 07/11/05 08:12								
	07/22/05 18:38	280133	(EPA 314)	Perchlorate	6000	ug/l	400	100
	07/18/05 14:24	279218	(2510B/ SW9050)	Specific Conductance	10300	umho/cm	2.0	1
ARP-3 (2507150402) Sampled on 07/11/05 08:22								
	07/22/05 18:55	280133	(EPA 314)	Perchlorate	120000	ug/l	20000	5000
	07/18/05 14:24	279218	(2510B/ SW9050)	Specific Conductance	12900	umho/cm	2.0	1



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Data Report
#152176

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ARP-4 (2507150403) Sampled on 07/11/05 08:34								
	07/25/05 12:47	280330	(EPA 314)	Perchlorate	56000	ug/l	20000	5000
	07/18/05 14:24	279218	(2510B/ SW9050)	Specific Conductance	7090	umho/cm	2.0	1
ARP-5 (2507150404) Sampled on 07/11/05 08:42								
	07/25/05 13:04	280330	(EPA 314)	Perchlorate	280000	ug/l	40000	10000
	07/18/05 14:24	279218	(2510B/ SW9050)	Specific Conductance	10100	umho/cm	2.0	1
ARP-6A (2507150405) Sampled on 07/11/05 08:52								
	07/25/05 13:21	280330	(EPA 314)	Perchlorate	34000	ug/l	2000	500
	07/18/05 14:24	279218	(2510B/ SW9050)	Specific Conductance	11800	umho/cm	2.0	1
ARP-7 (2507150406) Sampled on 07/11/05 08:25								
	07/25/05 13:38	280330	(EPA 314)	Perchlorate	4000	ug/l	800	200
	07/18/05 14:24	279218	(2510B/ SW9050)	Specific Conductance	5590	umho/cm	2.0	1
PC-53 (2507150407) Sampled on 07/11/05 08:39								
	07/25/05 13:55	280330	(EPA 314)	Perchlorate	2000	ug/l	400	100
	07/18/05 14:24	279218	(2510B/ SW9050)	Specific Conductance	4070	umho/cm	2.0	1
PC-103 (2507150408) Sampled on 07/11/05 09:07								
	07/25/05 14:12	280330	(EPA 314)	Perchlorate	3000	ug/l	200	50
	07/18/05 14:24	279218	(2510B/ SW9050)	Specific Conductance	6320	umho/cm	2.0	1
MWK-5 (2507150409) Sampled on 07/11/05 08:51								
	07/25/05 14:29	280330	(EPA 314)	Perchlorate	14000	ug/l	4000	1000
	07/18/05 14:24	279218	(2510B/ SW9050)	Specific Conductance	4330	umho/cm	2.0	1



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Data Report
#152176

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-83 (2507150410) Sampled on 07/11/05 06:05								
	07/25/05 14:46	280330	(EPA 314	) Perchlorate	61000	ug/l	8000	2000
	07/18/05 14:24	279218	(2510B/ SW9050	) Specific Conductance	2140	umho/cm	2.0	1
M-87 (2507150411) Sampled on 07/11/05 05:53								
	07/25/05 15:04	280330	(EPA 314	) Perchlorate	110000	ug/l	20000	5000
	07/18/05 14:40	279222	(2510B/ SW9050	) Specific Conductance	2190	umho/cm	2.0	1
PC-98R (2507150412) Sampled on 07/11/05 09:36								
	07/25/05 00:00	283488	(EPA 314	) Perchlorate	42000	ug/l	8000	2000
	07/18/05 14:40	279222	(2510B/ SW9050	) Specific Conductance	8590	umho/cm	2.0	1
PC-86 (2507150413) Sampled on 07/11/05 09:01								
	07/25/05 16:12	280330	(EPA 314	) Perchlorate	7000	ug/l	2000	500
	07/18/05 14:40	279222	(2510B/ SW9050	) Specific Conductance	4760	umho/cm	2.0	1
PC-89 (2507150414) Sampled on 07/11/05 09:12								
	07/25/05 16:29	280330	(EPA 314	) Perchlorate	32000	ug/l	8000	2000
	07/18/05 14:40	279222	(2510B/ SW9050	) Specific Conductance	6950	umho/cm	2.0	1
PC-56 (2507150415) Sampled on 07/11/05 06:21								
	07/25/05 16:46	280330	(EPA 314	) Perchlorate	4000	ug/l	4000	1000
	07/18/05 14:40	279222	(2510B/ SW9050	) Specific Conductance	5490	umho/cm	2.0	1
PC-58 (2507150416) Sampled on 07/11/05 06:17								
	07/25/05 17:03	280330	(EPA 314) Perchlorate	8000	ug/l	800	200
	07/18/05 14:40	279222	(2510B/ SW9050) Specific Conductance	7540	umho/cm	2.0	1



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Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-59 (2507150417) Sampled on 07/11/05 06:28								
	07/25/05 17:20	280330	(EPA 314	) Perchlorate	14000	ug/l	4000	1000
	07/18/05 14:40	279222	(2510B/ SW9050	) Specific Conductance	6600	umho/cm	2.0	1
PC-60 (2507150418) Sampled on 07/11/05 06:25								
	07/25/05 17:37	280330	(EPA 314	) Perchlorate	18000	ug/l	4000	1000
	07/18/05 14:40	279222	(2510B/ SW9050	) Specific Conductance	6550	umho/cm	2.0	1
PC-62 (2507150419) Sampled on 07/11/05 06:34								
	07/25/05 17:54	280330	(EPA 314	) Perchlorate	5000	ug/l	4000	1000
	07/18/05 14:40	279222	(2510B/ SW9050	) Specific Conductance	4680	umho/cm	2.0	1
PC-68 (2507150420) Sampled on 07/11/05 06:38								
	07/25/05 18:11	280330	(EPA 314	) Perchlorate	660	ug/l	400	100
	07/18/05 14:40	279222	(2510B/ SW9050	) Specific Conductance	3460	umho/cm	2.0	1
PC-122 (2507150421) Sampled on 07/11/05 06:02								
	07/26/05 13:20	280530	(EPA 314) Perchlorate	7000	ug/l	800	200
	07/18/05 14:56	279223	(2510B/ SW9050) Specific Conductance	9540	umho/cm	2.0	1



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Laboratory
QC Summary
#152176

Kerr McGee Chemical Company -
Henderson

QC Ref #279214 - Specific Conductance

Analysis Date: 07/18/2005

2507150388 PC-91
2507150390 PC-95

Analyzed by: sar
Analyzed by: sar

QC Ref #279215 - Specific Conductance

Analysis Date: 07/18/2005

2507150391 PC-97
2507150392 PC-12
2507150393 PC-17
2507150394 PC-18
2507150395 PC-55
2507150396 PC-101R
2507150397 L-635
2507150398 L-637
2507150399 MWK-4
2507150400 ARP-1

Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar

QC Ref #279218 - Specific Conductance

Analysis Date: 07/18/2005

2507150401 ARP-2
2507150402 ARP-3
2507150403 ARP-4
2507150404 ARP-5
2507150405 ARP-6A
2507150406 ARP-7
2507150407 PC-53
2507150408 PC-103
2507150409 MWK-5
2507150410 M-83

Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar

QC Ref #279222 - Specific Conductance

Analysis Date: 07/18/2005

2507150411 M-87
2507150412 PC-98R
2507150413 PC-86
2507150414 PC-89
2507150415 PC-56
2507150416 PC-58
2507150417 PC-59
2507150418 PC-60

Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar
Analyzed by: sar



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Laboratory
QC Summary
#152176

Kerr McGee Chemical Company -
Henderson
(continued)

2507150419	PC-62	Analyzed by: sar
2507150420	PC-68	Analyzed by: sar

QC Ref #279223 - Specific Conductance

Analysis Date: 07/18/2005

2507150421	PC-122	Analyzed by: sar
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QC Ref #280133 - Perchlorate

Analysis Date: 07/22/2005

2507150388	PC-91	Analyzed by: bxs
2507150391	PC-97	Analyzed by: bxs
2507150392	PC-12	Analyzed by: bxs
2507150393	PC-17	Analyzed by: bxs
2507150394	PC-18	Analyzed by: bxs
2507150395	PC-55	Analyzed by: bxs
2507150396	PC-101R	Analyzed by: bxs
2507150397	L-635	Analyzed by: bxs
2507150398	L-637	Analyzed by: bxs
2507150399	MWK-4	Analyzed by: bxs
2507150400	ARP-1	Analyzed by: bxs
2507150401	ARP-2	Analyzed by: bxs
2507150402	ARP-3	Analyzed by: bxs

QC Ref #280330 - Perchlorate

Analysis Date: 07/25/2005

2507150390	PC-95	Analyzed by: bxs
2507150403	ARP-4	Analyzed by: bxs
2507150404	ARP-5	Analyzed by: bxs
2507150405	ARP-6A	Analyzed by: bxs
2507150406	ARP-7	Analyzed by: bxs
2507150407	PC-53	Analyzed by: bxs
2507150408	PC-103	Analyzed by: bxs
2507150409	MWK-5	Analyzed by: bxs
2507150410	M-83	Analyzed by: bxs
2507150411	M-87	Analyzed by: bxs
2507150413	PC-86	Analyzed by: bxs
2507150414	PC-89	Analyzed by: bxs
2507150415	PC-56	Analyzed by: bxs
2507150416	PC-58	Analyzed by: bxs
2507150417	PC-59	Analyzed by: bxs



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Laboratory
QC Summary
#152176

Kerr McGee Chemical Company -
Henderson
(continued)

2507150418	PC-60	Analyzed by: bxs
2507150419	PC-62	Analyzed by: bxs
2507150420	PC-68	Analyzed by: bxs

QC Ref #280530 - Perchlorate

Analysis Date: 07/26/2005

2507150421	PC-122	Analyzed by: bxs
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QC Ref #283488 - Perchlorate

Analysis Date: 07/25/2005

2507150412	PC-98R	Analyzed by: bxs
------------	--------	------------------



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Laboratory
 QC Report
 #152176

Kerr McGee Chemical Company -
 Henderson

QC Ref #279214 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	3420	3420	UMHO		(0-20)	0.0

QC Ref #279215 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	8460	8420	UMHO		(0-20)	0.5

QC Ref #279218 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	2140	2130	UMHO		(0-20)	0.5

QC Ref #279222 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	3460	3540	UMHO		(0-20)	2.3

QC Ref #279223 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	49	49	UMHO		(0-20)	0.0

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
 are advisory only, unless otherwise specified in the method.

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #280133 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
LCS2	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	0.82
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.9	UGL	107.6	(70-130)	
MSD	Perchlorate	25.0	27	UGL	108.0	(70-130)	0.37

QC Ref #280330 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	
LCS2	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	0.41
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	
MSD	Perchlorate	25.0	23.7	UGL	94.8	(70-130)	2.5

QC Ref #280530 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.9	UGL	99.6	(85-115)	
LCS2	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	0.81
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.8	UGL	99.2	(70-130)	
MSD	Perchlorate	25.0	24.4	UGL	97.6	(70-130)	1.6

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
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Laboratory
QC Report
#152176

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #283488

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS2	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	0.00
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.9	UGL	99.6	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	0.81

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
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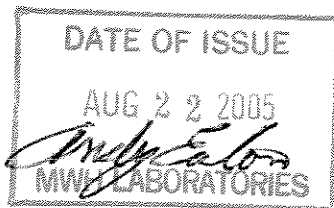
Laboratory Report

for

Kerr McGee Chemical Company - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager



Report#: 153892
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 13 page[s].



CHAIN OF CUSTODY RECORD

MONTGOMERY WATSON LABORATORIES

153892

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 396-1100 (800) 566-5227

LOG IN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: J.S.

SAMPLE TEMP, RECEIPT AT LAB: 2

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: **KERRMCGEE-MP** PROJECT JOB # / P.O.#: **Quarterly Groundwater Sampling** (check for yes)

SAMPLER: **Michelle Brown** Schedule B

CLIENT: **Ker-McGee Chemical LLC**
Susan Crowley (702) 651-2234
 Henderson, NV 89009

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *			GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample fine)							SAMPLER Comments	
				RGW	RAW	SW			CR	PH	FC	CL04	CR6	TDS	See Bottle Order		
5:14	8-3-05	I-U		RGW			X		X								2 Bottles
5:26	8-3-05	I-S		RGW			X		X								2 Bottles
5:35	8-3-05	I-D		RGW			X		X								2 Bottles
5:39	8-3-05	I-Z		RGW			X		X								2 Bottles
5:37	8-3-05	I-AR		RGW			X		X								2 Bottles
5:19	8-3-05	I-K		RGW			X		X								2 Bottles
6:05	8-3-05	M-14A		RGW			X		X								2 Bottles
5:09	8-3-05	M-22A		RGW			X		X								2 Bottles
5:55	8-3-05	M-25		RGW			X		X								2 Bottles
6:13	8-3-05	M-115		RGW			X		X								2 Bottles
5:43	8-3-05	M-37		RGW			X		X								4 Bottles
				RGW			X		X								Bottles

* MATRIX TYPES: Reported by Volume: CFW = Chlor(am)inated Finished Water, FW = Other Finished Water
 Reported by Weight: SO = Soil, SL = Sludge

RGW = Raw Ground Water, CWW = Chlorinated Waste Water
 RSW = Raw Surface Water, WW = Other Waste Water
 SW = Storm Water

RELINQUISHED BY: Michelle Brown SIGNATURE: Joe Sanchez PRINT NAME: **Michelle Brown**
 RECEIVED BY: Joe Sanchez COMPANY/TITLE: **Vecilia Water NA for Ker-McGee Chemical LLC**
 RELINQUISHED BY: Joe Sanchez DATE: **8-4-05** TIME: **12:00PM**
 RECEIVED BY: Joe Sanchez DATE: **8-5-05** TIME: **12:40**





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Report
Comments
#153892

Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____

(QC Ref#: 2508050356)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.



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Laboratory
Hits Report
#153892

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
05-aug-2005 20:24:07

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508050341	I-V				
08/08/05		Chromium, Total, ICAP	22		mg/l	1.0
08/10/05		PH (H1=past HT, not compliant)	7.5	6.5-8.5	Units	0.001
08/17/05		Perchlorate	1900000		ug/l	200000
08/09/05		Specific Conductance	11200		umho/cm	2.0
	2508050347	I-J				
08/18/05		Chromium, Total, ICAP	2.7		mg/l	0.020
08/10/05		PH (H1=past HT, not compliant)	7.7	6.5-8.5	Units	0.001
08/17/05		Perchlorate	250000		ug/l	40000
08/09/05		Specific Conductance	6300		umho/cm	2.0
	2508050348	I-I				
08/17/05		Chromium, Total, ICAP	23		mg/l	0.20
08/16/05		Metals digestion performed.	Y		Yes/No	
08/10/05		PH (H1=past HT, not compliant)	7.6	6.5-8.5	Units	0.001
08/17/05		Perchlorate	1200000		ug/l	200000
08/09/05		Specific Conductance	11500		umho/cm	2.0
	2508050349	I-Z				
08/17/05		Chromium, Total, ICAP	2.7		mg/l	0.050
08/16/05		Metals digestion performed.	Y		Yes/No	
08/10/05		PH (H1=past HT, not compliant)	7.6	6.5-8.5	Units	0.001
08/17/05		Perchlorate	280000		ug/l	80000
08/09/05		Specific Conductance	9000		umho/cm	2.0
	2508050350	I-AR				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#153892

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
05-aug-2005 20:24:07

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508050350	I-AR				
08/17/05		Chromium, Total, ICAP	0.27		mg/l	0.020
08/16/05		Metals digestion performed.	Y		Yes/No	
08/10/05		PH (H1=past HT, not compliant)	7.4	6.5-8.5	Units	0.001
08/18/05		Perchlorate	3200000		ug/l	400000
08/09/05		Specific Conductance	7550		umho/cm	2.0
	2508050351	I-K				
08/08/05		Chromium, Total, ICAP	1.3		mg/l	0.050
08/10/05		PH (H1=past HT, not compliant)	7.7	6.5-8.5	Units	0.001
08/18/05		Perchlorate	84000		ug/l	20000
08/09/05		Specific Conductance	6230		umho/cm	2.0
	2508050352	M-14A				
08/17/05		Chromium, Total, ICAP	0.088		mg/l	0.020
08/16/05		Metals digestion performed.	Y		Yes/No	
08/10/05		PH (H1=past HT, not compliant)	8.0	6.5-8.5	Units	0.001
08/18/05		Perchlorate	30000		ug/l	4000
08/09/05		Specific Conductance	4230		umho/cm	2.0
	2508050353	M-22A				
08/17/05		Chromium, Total, ICAP	31		mg/l	0.20
08/16/05		Metals digestion performed.	Y		Yes/No	
08/10/05		PH (H1=past HT, not compliant)	7.4	6.5-8.5	Units	0.001
08/18/05		Perchlorate	2000000		ug/l	200000
08/09/05		Specific Conductance	12800		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#153892

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
05-aug-2005 20:24:07

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508050353	M-22A				
	2508050354	M-25				
08/08/05		Chromium, Total, ICAP	10		mg/l	1.0
08/10/05		PH (H1=past HT, not compliant)	7.7	6.5-8.5	Units	0.001
08/18/05		Perchlorate	680000		ug/l	80000
08/09/05		Specific Conductance	8450		umho/cm	2.0
	2508050355	M-115				
08/17/05		Chromium, Total, ICAP	0.24		mg/l	0.050
08/16/05		Metals digestion performed.	Y		Yes/No	
08/10/05		PH (H1=past HT, not compliant)	8.0	6.5-8.5	Units	0.001
08/18/05		Perchlorate	10000		ug/l	800
08/09/05		Specific Conductance	3280		umho/cm	2.0
	2508050356	M-37				
08/08/05		Chromium, Total, ICAP	0.046		mg/l	0.020
08/05/05		Hexavalent chromium (Cr VI)	0.006		mg/l	0.005
08/10/05		PH (H1=past HT, not compliant)	7.5	6.5-8.5	Units	0.001
08/18/05		Perchlorate	2600000		ug/l	400000
08/09/05		Specific Conductance	7210		umho/cm	2.0
08/08/05		Total Dissolved Solid (TDS)	6350	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Data Report
 #153892

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 08/05/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-V (2508050341)				Sampled on 08/03/05 05:14				
	08/17/05 18:28	283488	(EPA 314)	Perchlorate	1900000	ug/l	200000	50000
	08/08/05 16:42	282239	(MWH200.7/6010B)	Chromium, Total, ICAP	22	mg/l	1.0	100
	08/09/05 13:51	282309	(2510B/ SW9050)	Specific Conductance	11200	umho/cm	2.0	1
	08/10/05 00:00	282657	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.5	Units	0.001	1
I-J (2508050347)				Sampled on 08/03/05 05:26				
	08/17/05 18:45	283488	(EPA 314)	Perchlorate	250000	ug/l	40000	10000
	08/18/05 20:21	283603	(MWH200.7/6010B)	Chromium, Total, ICAP	2.7	mg/l	0.020	2
	08/09/05 13:51	282309	(2510B/ SW9050)	Specific Conductance	6300	umho/cm	2.0	1
	08/10/05 00:00	282657	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.7	Units	0.001	1
I-I (2508050348)				Sampled on 08/03/05 05:35				
	08/17/05 19:02	283488	(EPA 314)	Perchlorate	1200000	ug/l	200000	50000
	08/17/05 16:20	283447	(MWH200.7/6010B)	Chromium, Total, ICAP	23	mg/l	0.20	20
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/09/05 13:51	282309	(2510B/ SW9050)	Specific Conductance	11500	umho/cm	2.0	1
	08/10/05 00:00	282657	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.6	Units	0.001	1
I-Z (2508050349)				Sampled on 08/03/05 05:29				
	08/17/05 19:19	283488	(EPA 314)	Perchlorate	280000	ug/l	80000	20000
	08/17/05 15:10	283447	(MWH200.7/6010B)	Chromium, Total, ICAP	2.7	mg/l	0.050	5
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/09/05 13:51	282309	(2510B/ SW9050)	Specific Conductance	9000	umho/cm	2.0	1
	08/10/05 00:00	282657	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.6	Units	0.001	1



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Laboratory
 Data Report
 #153892

Kerr McGee Chemical Company -
 Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-AR (2508050350)		Sampled on 08/03/05 05:39						
	08/18/05 13:41	283674	(EPA 314)	Perchlorate	3200000	ug/l	400000	100000
	08/17/05 15:13	283447	(MWH200.7/6010B)	Chromium, Total, ICAP	0.27	mg/l	0.020	2
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/09/05 13:51	282309	(2510B/ SW9050)	Specific Conductance	7550	umho/cm	2.0	1
	08/10/05 00:00	282657	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.4	Units	0.001	1
I-K (2508050351)		Sampled on 08/03/05 05:19						
	08/18/05 13:58	283674	(EPA 314)	Perchlorate	84000	ug/l	20000	5000
	08/08/05 16:33	282239	(MWH200.7/6010B)	Chromium, Total, ICAP	1.3	mg/l	0.050	5
	08/09/05 13:51	282309	(2510B/ SW9050)	Specific Conductance	6230	umho/cm	2.0	1
	08/10/05 00:00	282657	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.7	Units	0.001	1
M-14A (2508050352)		Sampled on 08/03/05 06:05						
	08/18/05 14:15	283674	(EPA 314)	Perchlorate	30000	ug/l	4000	1000
	08/17/05 16:09	283447	(MWH200.7/6010B)	Chromium, Total, ICAP	0.088	mg/l	0.020	2
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/09/05 13:51	282309	(2510B/ SW9050)	Specific Conductance	4230	umho/cm	2.0	1
	08/10/05 00:00	282666	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	8.0	Units	0.001	1
M-22A (2508050353)		Sampled on 08/03/05 05:09						
	08/18/05 14:32	283674	(EPA 314)	Perchlorate	2000000	ug/l	200000	50000
	08/17/05 16:16	283447	(MWH200.7/6010B)	Chromium, Total, ICAP	31	mg/l	0.20	20
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/09/05 14:07	282310	(2510B/ SW9050)	Specific Conductance	12800	umho/cm	2.0	1
	08/10/05 00:00	282657	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.4	Units	0.001	1
M-25 (2508050354)		Sampled on 08/03/05 05:55						
	08/18/05 14:49	283674	(EPA 314)	Perchlorate	680000	ug/l	80000	20000
	08/08/05 16:44	282239	(MWH200.7/6010B)	Chromium, Total, ICAP	10	mg/l	1.0	100
	08/09/05 14:07	282310	(2510B/ SW9050)	Specific Conductance	8450	umho/cm	2.0	1
	08/10/05 00:00	282657	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.7	Units	0.001	1



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Laboratory
Data Report
#153892

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-115 (2508050355) Sampled on 08/03/05 06:13								
	08/18/05 15:07	283674	(EPA 314)	Perchlorate	10000	ug/l	800	200
	08/17/05 16:12	283447	(MWH200.7/6010B)	Chromium, Total, ICAP	0.24	mg/l	0.050	5
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/09/05 14:07	282310	(2510B/ SW9050)	Specific Conductance	3280	umho/cm	2.0	1
	08/10/05 00:00	282666	(4500HB/ E 150)	PH (H1=past HT, not compliant)	8.0	Units	0.001	1
M-37 (2508050356) Sampled on 08/03/05 05:43								
	08/18/05 15:24	283674	(EPA 314)	Perchlorate	2600000	ug/l	400000	100000
	08/08/05 16:25	282239	(MWH200.7/6010B)	Chromium, Total, ICAP	0.046	mg/l	0.020	2
	08/05/05 00:00	282055	(MWH SW7196)	Hexavalent chromium (Cr VI)	0.006(H3)	mg/l	0.005	1
	08/09/05 14:07	282310	(2510B/ SW9050)	Specific Conductance	7210	umho/cm	2.0	1
	08/10/05 00:00	282657	(4500HB/ E 150)	PH (H1=past HT, not compliant)	7.5	Units	0.001	1
08/08/05	08/08/05 11:00	282305	(SM 2540C)	Total Dissolved Solid (TDS)	6350	mg/l	10	1



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Laboratory
QC Summary
#153892

Kerr McGee Chemical Company -
Henderson

QC Ref #282055 - Hexavalent chromium (Cr VI) Analysis Date: 08/05/2005

2508050356 M-37 Analyzed by: wbh

QC Ref #282239 - Chromium, Total, ICAP Analysis Date: 08/08/2005

2508050341 I-V Analyzed by: wbh
2508050351 I-K Analyzed by: wbh
2508050354 M-25 Analyzed by: wbh
2508050356 M-37 Analyzed by: wbh

QC Ref #282305 - Total Dissolved Solid (TDS) Analysis Date: 08/08/2005

2508050356 M-37 Analyzed by: clv

QC Ref #282309 - Specific Conductance Analysis Date: 08/09/2005

2508050341 I-V Analyzed by: sar
2508050347 I-J Analyzed by: sar
2508050348 I-I Analyzed by: sar
2508050349 I-Z Analyzed by: sar
2508050350 I-AR Analyzed by: sar
2508050351 I-K Analyzed by: sar
2508050352 M-14A Analyzed by: sar

QC Ref #282310 - Specific Conductance Analysis Date: 08/09/2005

2508050353 M-22A Analyzed by: sar
2508050354 M-25 Analyzed by: sar
2508050355 M-115 Analyzed by: sar
2508050356 M-37 Analyzed by: sar

QC Ref #282657 - PH (H1=past HT, not compliant) Analysis Date: 08/10/2005

2508050341 I-V Analyzed by: aide
2508050347 I-J Analyzed by: aide
2508050348 I-I Analyzed by: aide
2508050349 I-Z Analyzed by: aide
2508050350 I-AR Analyzed by: aide



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Laboratory
 QC Summary
 #153892

Kerr McGee Chemical Company -
 Henderson
 (continued)

2508050351	I-K	Analyzed by: aide
2508050353	M-22A	Analyzed by: aide
2508050354	M-25	Analyzed by: aide
2508050356	M-37	Analyzed by: aide

QC Ref #282666 - PH (H1=past HT, not compliant) Analysis Date: 08/10/2005

2508050352	M-14A	Analyzed by: aide
2508050355	M-115	Analyzed by: aide

QC Ref #283447 - Chromium, Total, ICAP Analysis Date: 08/17/2005

2508050348	I-I	Analyzed by: wbh
2508050349	I-Z	Analyzed by: wbh
2508050350	I-AR	Analyzed by: wbh
2508050352	M-14A	Analyzed by: wbh
2508050353	M-22A	Analyzed by: wbh
2508050355	M-115	Analyzed by: wbh

QC Ref #283488 - Perchlorate Analysis Date: 08/17/2005

2508050341	I-V	Analyzed by: bxs
2508050347	I-J	Analyzed by: bxs
2508050348	I-I	Analyzed by: bxs
2508050349	I-Z	Analyzed by: bxs

QC Ref #283603 - Chromium, Total, ICAP Analysis Date: 08/18/2005

2508050347	I-J	Analyzed by: wbh
------------	-----	------------------

QC Ref #283674 - Perchlorate Analysis Date: 08/18/2005

2508050350	I-AR	Analyzed by: bxs
2508050351	I-K	Analyzed by: bxs
2508050352	M-14A	Analyzed by: bxs
2508050353	M-22A	Analyzed by: bxs
2508050354	M-25	Analyzed by: bxs
2508050355	M-115	Analyzed by: bxs



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Laboratory
QC Summary
#153892

Kerr McGee Chemical Company -
Henderson
(continued)

2508050356

M-37

Analyzed by: bxs



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Laboratory
QC Report
#153892

Kerr McGee Chemical Company -
Henderson

QC Ref #282055 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	08050314	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.048	MGL	96.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.048	MGL	96.0	(85-115)	0.00
MBLK	Hexavalent chromium (Cr VI)	ND	<0.005	MGL			
MS	Hexavalent chromium (Cr VI)	0.50	0.50	MGL	100.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.50	0.51	MGL	102.0	(70-130)	2.0

QC Ref #282239 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.93	MGL	93.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.972	MGL	97.2	(85-115)	4.4
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.942	MGL	94.2	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.939	MGL	93.9	(70-130)	0.32

QC Ref #282305 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	08050051	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	384	390	MGL		(0-10)	1.6
LCS1	Total Dissolved Solid (TDS)	175	172	MGL	98.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	686	MGL	98.0	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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Laboratory
QC Report
#153892

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #282309 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	4230	4240	UMHO		(0-20)	0.2

QC Ref #282310 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7210	7280	UMHO		(0-20)	1.0

QC Ref #282657 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.7	7.7	UNIT		(0-20)	0.0

QC Ref #282666 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.6	7.6	UNIT		(0-20)	0.0

QC Ref #283447 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.968	MGL	96.8	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.0	MGL	100.0	(85-115)	3.3
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.995	MGL	99.5	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.94	MGL	94.0	(70-130)	5.7

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
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Laboratory
QC Report
#153892

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #283488

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS2	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	0.00
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.9	UGL	99.6	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	0.81

QC Ref #283603

Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.943	MGL	94.3	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.949	MGL	94.9	(85-115)	0.63
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.935	MGL	93.5	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.932	MGL	93.2	(70-130)	0.32

QC Ref #283674

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS2	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	0.82
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.9	UGL	99.6	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	0.81

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
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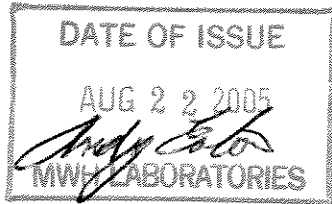
Laboratory Report

for

Kerr McGee Chemical Company - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager



Report#: 153780
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 25 page[s].



MWH Laboratories, a Division of MWH Americas, Inc.
750 Royal Oaks Avenue Suite 100
Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Kerr McGee Chemical Company - Henderson

Andrew Eaton
(626) 386-1125
Your MWL Project Manager

SO# 24687 16962

RS

Sampler: Please Return this Paper with your samples

Created by

Order Date

06/07/05

Date Needed by Client

Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to

Kerr McGee Henderson Plant
P.O. Box 55
Henderson, NV 89009

Billing Address

Kerr McGee Henderson Plant
P.O. Box 55
Henderson, NV 89009

Date Samples to Arrive at MWL

ATTN: Susan Crowley
PHONE: 702-651-2234

ATTN: Susan Crowley
PHONE: 702-651-2234
FAX: 702-651-2310

Quote#

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
90	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031	QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS
90	CLO4, EC, PH	1 125ml poly /no preservative AMBER IF WITH CLO3!		
15	CR-VI	1 125ml poly acid rinsed/ no preservative SHORT HOLDING TIME!!!!		
15	TDS	1 500ml poly/ no preservative		
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SCANNED

Linda Geddes printed this.



"Smart, Gerald"
<Gerald.Smart@veoliawatern.com>

08/10/2005 10:07 AM

To: "Smart, Gerald" <Gerald.Smart@veoliawatern.com>, "Crowley, Susan" <SCROWLEY@KMG.com>
cc: "Lambeth, Jeff" <jeffrey.lambeth@veoliawatern.com>, "Linda.Geddes@mwhglobal.com" <Linda.Geddes@mwhglobal.com>, "Brown, Michele" <Michele.Brown@veoliawatern.com>
Subject: RE: 153780 Acknowledgement

M-100 was sampled at 8:47 as indicated on the bottle. The COC has the wrong designation. It shows M-102 when it should be M-100.

-----Original Message-----

From: Smart, Gerald
Sent: Tuesday, August 09, 2005 1:46 PM
To: Crowley, Susan; Smart, Gerald
Cc: Lambeth, Jeff; Linda.Geddes@mwhglobal.com; Brown, Michele
Subject: RE: 153780 Acknowledgement

Susan, I will clarify the discrepancy when I discuss with Michele in the morning.

-----Original Message-----

From: Crowley, Susan [mailto:SCROWLEY@KMG.com]
Sent: Tuesday, August 09, 2005 10:38 AM
To: Smart, Gerald
Cc: Lambeth, Jeff; Linda.Geddes@mwhglobal.com
Subject: FW: 153780 Acknowledgement

Gerald,

Please see Linda's note below and then verify that the extended analyte set is for M-100. It looks like M-102 was listed twice and M-100 was not listed at all. Please check your copy of the COC? Thanks.

Susan Crowley
Kerr-McGee Chemical LLC
PO Box 55
Henderson, NV 89009
(702) 651-2234 office
(702) 592-7727 cell
(405) 228-6882 fax

If you are not the intended recipient of this e-mail message, any use, distribution or copying of the message is prohibited. Please let me know by return e-mail if you received this message by mistake, then delete the e-mail message. Thank you.

-----Original Message-----

From: Linda Geddes [mailto:Linda.Geddes@us.mwhglobal.com]
Sent: Tuesday, August 09, 2005 9:21 AM
To: Crowley, Susan
Subject: 153780 Acknowledgement

Susan - M-102 is listed on the COC 2 times - 2508040555 and 2508040557. The first time it is for CLO4, CR, EC, PH and the second time it is listed for CLO4,C4,CR-VI, EC, PH, TDS. On the second time the bottles said M-100 even though the COC says 102. Can you verify this for me?



CHAIN OF CUSTODY RECORD

MONTGOMERY WATSON LABORATORIES

103760

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(626) 386-1100 (800) 566-5227

M/LABS USE ONLY:
LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: AS
SAMPLE TEMP, RECEIPT AT LAB: 2°
BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER: _____

COMPANY / PROJECT NAME: _____

PROJECT JOB # / P.O.#: _____
Quarterly Groundwater Sampling
Schedule B

SAMPLER: Michele Brown

CLIENT: Kerr-McGee Chemical LLC
PO Box 55
Henderson, NV 89009

CONTACT: Susan Crowley (702) 651-2234

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES (check for yes)

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	PH	EC	CLD	CR6	TDS	See Bottle Order	SAMPLER Comments
5:54	8-3-05	M-11		RGW	X		X	X	X	X	X		4 Bottles
6:11	8-3-05	M-12A		RGW	X		X	X	X	X	X		4 Bottles
6:27	8-3-05	M-31A		RGW	X		X	X	X	X	X		2 Bottles
6:58	8-3-05	M-19		RGW	X		X	X	X	X	X		2 Bottles
7:43	8-3-05	M-50		RGW	X		X	X	X	X	X		2 Bottles
7:10	8-3-05	M-39		RGW	X		X	X	X	X	X		2 Bottles
7:22	8-3-05	M-08		RGW	X		X	X	X	X	X		2 Bottles
7:34	8-3-05	M-74		RGW	X		X	X	X	X	X		2 Bottles
7:45	8-3-05	M-73		RGW	X		X	X	X	X	X		2 Bottles
7:56	8-3-05	M-88		RGW	X		X	X	X	X	X		2 Bottles
8:16	8-3-05	M-87		RGW	X		X	X	X	X	X		2 Bottles
8:25	8-3-05	M-102		RGW	X		X	X	X	X	X		2 Bottles

* MATRIX TYPES: _____

Reported by Volume: _____
CFW = Chloraminated Finished Water
FW = Other Finished Water

Reported by Weight: _____
SO = Soil
SL = Sludge

RGW = Raw Ground Water
RSW = Raw Surface Water

CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

RELINQUISHED BY: Michele Brown SIGNATURE: _____ PRINT NAME: Michele Brown

RECEIVED BY: Joe Sanchez SIGNATURE: _____ PRINT NAME: Joe Sanchez

RELINQUISHED BY: _____ SIGNATURE: _____ PRINT NAME: _____

RECEIVED BY: _____ SIGNATURE: _____ PRINT NAME: _____

COMPANY/TITLE: Vecolia Water NA for Kerr-McGee Chemical LLC

DATE: 8-3-05 12:00PM

DATE: 8-4-05 12:55

SAMPLES IN 2 COOLERS



750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 396-1100 (800) 566-5227

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: SS
SAMPLE TEMP, RECEIPT AT LAB: 20
BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:
COMPANY / PROJECT NAME: KERRMCGEE-MP
PROJECT JOB # / P.O.#: Quarterly Groundwater Sampling
Schedule B
SAMPLER: Michele Brown
Ker-McGee Chemical LLC
PO Box 55
Henderson, NV 89009
Susan Crowley (702) 651-2234

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *		GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)							SAMPLER Comments	
				RGW	RSW			CR	FF	FO	CL04	CR6	TDS	See Bottle Order		
8:37	8-3-05	M-101		RGW		X		X	X	X						2 Bottles
8:47	8-3-05	M-102-BTIS HANE M-100		RGW		X		X	X	X						4 Bottles
8:27	8-3-05	EB-2		RGW		X		X	X	X						4 Bottles
8:58	8-3-05	M-86		RGW		X		X	X	X						2 Bottles
9:20	8-3-05	M-85		RGW		X		X	X	X						2 Bottles
9:27	8-3-05	M-84		RGW		X		X	X	X						4 Bottles
9:38	8-3-05	M-83		RGW		X		X	X	X						2 Bottles
9:49	8-3-05	M-70		RGW		X		X	X	X						2 Bottles
9:58	8-3-05	M-71		RGW		X		X	X	X						2 Bottles
10:05	8-3-05	M-72		RGW		X		X	X	X						2 Bottles
10:37	8-3-05	M-89		RGW		X		X	X	X						2 Bottles
	8-3-05	MD-2		RGW		X		X	X	X						4 Bottles

* MATRIX TYPES:
Reported by Volume: CFW = Chloroform/Inated Finished Water, FW = Other Finished Water
Reported by Weight: SO = Soil, SL = Sludge
RGW = Raw Ground Water, RSW = Raw Surface Water
CWW = Chlorinated Waste Water, WW = Other Waste Water, SW = Storm Water

RELINQUISHED BY: Michele Brown SIGNATURE
RECEIVED BY: Joe Sanchez PRINT NAME
RELINQUISHED BY: Joe Sanchez COMPANY/TITLE: Vecilia Water NA for Ker-McGee Chemical LLC
RECEIVED BY: MWLT DATE: 8-3-05 TIME: 12:00PM



CHAIN OF CUSTODY RECORD

MONTGOMERY WATSON LABORATORIES

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 396-1100 (800) 566-5227

SAMPLES CHECKED/LOGGED IN BY: JS
SAMPLE TEMP, RECEIPT AT LAB: 75
BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER: KERRMCGEE-MP PROJECT JOB # / P.O.# Quarternary Groundwater Sampling (check for yes)
COMPANY / PROJECT NAME Schedule B

Sampler Michele Brown Ker-McGee Chemical LLC
Susan Crowley (702) 651-2234 PO Box 55
Henderson, NV 89009

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	GR	PH	EC	CL04	CR6	TDS	See Bottle Order	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)	SAMPLER Comments
10:20	8-3-05	M-36		RGW	X		X	X	X	X	X	X			4 Bottles
10:23	8-3-05	M-38		RGW	X		X	X	X	X	X	X			2 Bottles
11:07	8-3-05	M-17A		RGW	X		X	X	X	X	X	X			2 Bottles
				RGW	X										Bottles
				RGW	X										Bottles
				RGW	X										Bottles
				RGW	X										Bottles
				RGW	X										Bottles
				RGW	X										Bottles
				RGW	X										Bottles
				RGW	X										Bottles
				RGW	X										Bottles

* MATRIX TYPES: Reported by Volume: CFW = Chlor(am)inated Finished Water, FW = Other Finished Water
Reported by Weight: SO = Soil, SL = Sludge
RGW = Raw Ground Water, CWW = Chlorinated Waste Water
RSW = Raw Surface Water, WW = Other Waste Water, SW = Storm Water

SIGNATURE: Michele Brown PRINT NAME: Michele Brown COMPANY/TITLE: Vecilia Water NA for Kerr-McGee Chemical LLC DATE: 8-3-05 TIME: 12:00PM
RECEIVED BY: Joe Sanchez RECEIVED BY: JOE SANCHEZ
REINQUISHED BY: Joe Sanchez RECEIVED BY: JOE SANCHEZ
REINQUISHED BY: Joe Sanchez RECEIVED BY: JOE SANCHEZ

SAMPLES IN 2 COOLERS





Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____

(QC Ref#: 2508040544)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2508040545)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2508040557)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2508040558)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2508040561)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2508040567)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2508040568)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.



MWH Laboratories

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Laboratory
Hits Report
#153780

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received

04-aug-2005 23:05:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508040544	M-11				
08/06/05		Chromium, Total, ICAP	2.9		mg/l	0.020
08/05/05		Hexavalent chromium (Cr VI)	2.9		mg/l	0.050
08/10/05		PH (H1=past HT, not compliant)	8.1	6.5-8.5	Units	0.001
08/15/05		Perchlorate	47000		ug/l	4000
08/05/05		Specific Conductance	4230		umho/cm	2.0
08/05/05		Total Dissolved Solid (TDS)	3510	500	mg/l	10
	2508040545	M-12A				
08/11/05		Chromium, Total, ICAP	13		mg/l	0.20
08/05/05		Hexavalent chromium (Cr VI)	16		mg/l	0.25
08/10/05		Metals digestion performed.	Y		Yes/No	
08/10/05		PH (H1=past HT, not compliant)	7.9	6.5-8.5	Units	0.001
08/15/05		Perchlorate	480000		ug/l	80000
08/05/05		Specific Conductance	8760		umho/cm	2.0
08/05/05		Total Dissolved Solid (TDS)	9140	500	mg/l	10
	2508040546	M-31A				
08/11/05		Chromium, Total, ICAP	12		mg/l	0.20
08/10/05		Metals digestion performed.	Y		Yes/No	
08/10/05		PH (H1=past HT, not compliant)	7.5	6.5-8.5	Units	0.001
08/15/05		Perchlorate	1700000		ug/l	200000
08/05/05		Specific Conductance	8650		umho/cm	2.0
	2508040547	M-19				
08/06/05		Chromium, Total, ICAP	0.30		mg/l	0.020
08/10/05		PH (H1=past HT, not compliant)	7.8	6.5-8.5	Units	0.001

SUMMARY OF POSITIVE DATA ONLY.



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Samples Received
04-aug-2005 23:05:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508040547	M-19				
08/15/05	Perchlorate		2000		ug/l	800
08/05/05	Specific Conductance		4740		umho/cm	2.0
	2508040548	M-50				
08/17/05	Chromium, Total, ICAP		42		mg/l	1.0
08/16/05	Metals digestion performed.		Y		Yes/No	
08/10/05	PH (H1=past HT, not compliant)		7.4	6.5-8.5	Units	0.001
08/16/05	Perchlorate		950000		ug/l	200000
08/05/05	Specific Conductance		13900		umho/cm	2.0
	2508040549	M-39				
08/17/05	Chromium, Total, ICAP		4.4		mg/l	0.020
08/16/05	Metals digestion performed.		Y		Yes/No	
08/10/05	PH (H1=past HT, not compliant)		7.7	6.5-8.5	Units	0.001
08/16/05	Perchlorate		490000		ug/l	40000
08/05/05	Specific Conductance		7100		umho/cm	2.0
	2508040550	M-68				
08/06/05	Chromium, Total, ICAP		0.94		mg/l	0.020
08/10/05	PH (H1=past HT, not compliant)		7.7	6.5-8.5	Units	0.001
08/16/05	Perchlorate		58000		ug/l	8000
08/05/05	Specific Conductance		6280		umho/cm	2.0
	2508040551	M-74				
08/06/05	Chromium, Total, ICAP		1.1		mg/l	0.020



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PO Box 55
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04-aug-2005 23:05:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508040551	M-74				
08/10/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
08/16/05	Perchlorate		67000		ug/l	4000
08/05/05	Specific Conductance		7100		umho/cm	2.0
	2508040552	M-73				
08/17/05	Chromium, Total, ICAP		0.80		mg/l	0.020
08/16/05	Metals digestion performed.		Y		Yes/No	
08/10/05	PH (H1=past HT, not compliant)		8.1	6.5-8.5	Units	0.001
08/16/05	Perchlorate		73000		ug/l	8000
08/05/05	Specific Conductance		2830		umho/cm	2.0
	2508040553	M-88				
08/06/05	Chromium, Total, ICAP		0.78		mg/l	0.020
08/10/05	PH (H1=past HT, not compliant)		7.7	6.5-8.5	Units	0.001
08/16/05	Perchlorate		46000		ug/l	4000
08/05/05	Specific Conductance		7690		umho/cm	2.0
	2508040554	M-87				
08/17/05	Chromium, Total, ICAP		0.93		mg/l	0.020
08/16/05	Metals digestion performed.		Y		Yes/No	
08/10/05	PH (H1=past HT, not compliant)		8.1	6.5-8.5	Units	0.001
08/16/05	Perchlorate		100000		ug/l	20000
08/05/05	Specific Conductance		2080		umho/cm	2.0
	2508040555	M-102				



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Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
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Samples Received
 04-aug-2005 23:05:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508040555	M-102				
08/17/05		Chromium, Total, ICAP	2.5		mg/l	0.020
08/16/05		Metals digestion performed.	Y		Yes/No	
08/10/05		PH (H1=past HT, not compliant)	7.8	6.5-8.5	Units	0.001
08/16/05		Perchlorate	250000		ug/l	200000
08/05/05		Specific Conductance	3830		umho/cm	2.0
	2508040556	M-101				
08/17/05		Chromium, Total, ICAP	0.34		mg/l	0.020
08/16/05		Metals digestion performed.	Y		Yes/No	
08/10/05		PH (H1=past HT, not compliant)	7.8	6.5-8.5	Units	0.001
08/16/05		Perchlorate	84000		ug/l	80000
08/05/05		Specific Conductance	4270		umho/cm	2.0
	2508040557	M-100				
08/06/05		Chromium, Total, ICAP	1.0		mg/l	0.020
08/05/05		Hexavalent chromium (Cr VI)	1.1		mg/l	0.050
08/10/05		PH (H1=past HT, not compliant)	7.7	6.5-8.5	Units	0.001
08/16/05		Perchlorate	180000		ug/l	20000
08/05/05		Specific Conductance	3210		umho/cm	2.0
08/05/05		Total Dissolved Solid (TDS)	2690	500	mg/l	10
	2508040558	EB-2				
08/10/05		PH (H1=past HT, not compliant)	6.4	6.5-8.5	Units	0.001
08/16/05		Perchlorate	88		ug/l	4.0
08/05/05		Specific Conductance	21		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Hits Report
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Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
04-aug-2005 23:05:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508040559	M-86				
	2508040559	M-86				
08/17/05			Chromium, Total, ICAP	0.056	mg/l	0.020
08/16/05			Metals digestion performed.	Y	Yes/No	
08/10/05			PH (H1=past HT, not compliant)	8.0	6.5-8.5 Units	0.001
08/16/05			Perchlorate	9000	ug/l	4000
08/05/05			Specific Conductance	1540	umho/cm	2.0
	2508040560	M-85				
08/06/05			Chromium, Total, ICAP	0.069	mg/l	0.020
08/10/05			PH (H1=past HT, not compliant)	7.9	6.5-8.5 Units	0.001
08/16/05			Perchlorate	34000	ug/l	2000
08/05/05			Specific Conductance	1620	umho/cm	2.0
	2508040561	M-84				
08/06/05			Chromium, Total, ICAP	0.15	mg/l	0.020
08/05/05			Hexavalent chromium (Cr VI)	0.16	mg/l	0.005
08/10/05			PH (H1=past HT, not compliant)	7.8	6.5-8.5 Units	0.001
08/16/05			Perchlorate	15000	ug/l	4000
08/05/05			Specific Conductance	1570	umho/cm	2.0
08/05/05			Total Dissolved Solid (TDS)	1200	500 mg/l	10
	2508040562	M-83				
08/06/05			Chromium, Total, ICAP	0.50	mg/l	0.020
08/10/05			PH (H1=past HT, not compliant)	7.8	6.5-8.5 Units	0.001

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Kerr McGee Chemical Company -
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Samples Received
04-aug-2005 23:05:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508040562	M-83				
08/17/05	Perchlorate		65000		ug/l	8000
08/05/05	Specific Conductance		2250		umho/cm	2.0
	2508040563	M-70				
08/06/05	Chromium, Total, ICAP		5		mg/l	0.050
08/10/05	PH (H1=past HT, not compliant)		7.5	6.5-8.5	Units	0.001
08/17/05	Perchlorate		830000		ug/l	80000
08/05/05	Specific Conductance		7560		umho/cm	2.0
	2508040564	M-71				
08/06/05	Chromium, Total, ICAP		6.7		mg/l	0.10
08/10/05	PH (H1=past HT, not compliant)		7.3	6.5-8.5	Units	0.001
08/17/05	Perchlorate		1800000		ug/l	200000
08/05/05	Specific Conductance		9900		umho/cm	2.0
	2508040565	M-72				
08/17/05	Chromium, Total, ICAP		6		mg/l	0.050
08/16/05	Metals digestion performed.		Y		Yes/No	
08/10/05	PH (H1=past HT, not compliant)		7.4	6.5-8.5	Units	0.001
08/17/05	Perchlorate		1500000		ug/l	80000
08/05/05	Specific Conductance		9030		umho/cm	2.0
	2508040566	M-89				
08/17/05	Chromium, Total, ICAP		27		mg/l	0.50
08/16/05	Metals digestion performed.		Y		Yes/No	

SUMMARY OF POSITIVE DATA ONLY.



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Hits Report
#153780

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received

04-aug-2005 23:05:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508040566	M-89				
08/10/05	PH (H1=past HT, not compliant)		7.3	6.5-8.5	Units	0.001
08/17/05	Perchlorate		1700000		ug/l	200000
08/05/05	Specific Conductance		12900		umho/cm	2.0
	2508040567	MD-2				
08/06/05	Chromium, Total, ICAP		0.17		mg/l	0.020
08/05/05	Hexavalent chromium (Cr VI)		0.18		mg/l	0.005
08/09/05	PH (H1=past HT, not compliant)		7.8	6.5-8.5	Units	0.001
08/18/05	Perchlorate		16000		ug/l	4000
08/05/05	Specific Conductance		1600		umho/cm	2.0
08/05/05	Total Dissolved Solid (TDS)		1220	500	mg/l	10
	2508040568	M-36				
08/17/05	Chromium, Total, ICAP		40		mg/l	0.20
08/05/05	Hexavalent chromium (Cr VI)		44		mg/l	0.50
08/16/05	Metals digestion performed.		Y		Yes/No	
08/10/05	PH (H1=past HT, not compliant)		7.2	6.5-8.5	Units	0.001
08/17/05	Perchlorate		1800000		ug/l	200000
08/05/05	Specific Conductance		15300		umho/cm	2.0
08/05/05	Total Dissolved Solid (TDS)		20100	500	mg/l	10
	2508040569	M-38				
08/17/05	Chromium, Total, ICAP		29		mg/l	0.10
08/16/05	Metals digestion performed.		Y		Yes/No	
08/10/05	PH (H1=past HT, not compliant)		7.3	6.5-8.5	Units	0.001
08/17/05	Perchlorate		2000000		ug/l	200000

SUMMARY OF POSITIVE DATA ONLY.



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Hits Report
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Samples Received
04-aug-2005 23:05:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508040569	M-38				
08/05/05	Specific Conductance		13600		umho/cm	2.0
	2508040570	M-17A				
08/17/05	Chromium, Total, ICAP		30		mg/l	0.50
08/16/05	Metals digestion performed.		Y		Yes/No	
08/10/05	PH (H1=past HT, not compliant)		7.4	6.5-8.5	Units	0.001
08/17/05	Perchlorate		300000		ug/l	80000
08/05/05	Specific Conductance		12200		umho/cm	2.0



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Laboratory
Data Report
#153780

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received

08/04/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-11 (2508040544) Sampled on 08/03/05 05:54								
	08/15/05 23:03	283258	(EPA 314	) Perchlorate	47000	ug/l	4000	1000
	08/06/05 03:08	282015	(MWH200.7/6010B)	Chromium, Total, ICAP	2.9	mg/l	0.020	2
	08/05/05 00:00	282055	(MWH SW7196	) Hexavalent chromium (Cr VI)	2.9(H3)	mg/l	0.050	10
	08/05/05 15:47	281895	(2510B/ SW9050)	Specific Conductance	4230	umho/cm	2.0	1
	08/10/05 00:00	282657	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	8.1	Units	0.001	1
08/05/05	08/05/05 11:50	282139	(SM 2540C	) Total Dissolved Solid (TDS)	3510	mg/l	10	1
M-12A (2508040545) Sampled on 08/03/05 06:11								
	08/15/05 23:20	283258	(EPA 314	) Perchlorate	480000	ug/l	80000	20000
	08/11/05 22:11	282694	(MWH200.7/6010B)	Chromium, Total, ICAP	13	mg/l	0.20	20
	08/05/05 00:00	282055	(MWH SW7196	) Hexavalent chromium (Cr VI)	16(H3)	mg/l	0.25	50
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/05/05 15:47	281895	(2510B/ SW9050)	Specific Conductance	8760	umho/cm	2.0	1
	08/10/05 00:00	282666	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.9	Units	0.001	1
08/05/05	08/05/05 11:50	282284	(SM 2540C	) Total Dissolved Solid (TDS)	9140	mg/l	10	1
M-31A (2508040546) Sampled on 08/03/05 06:27								
	08/15/05 23:37	283258	(EPA 314	) Perchlorate	1700000	ug/l	200000	50000
	08/11/05 22:15	282694	(MWH200.7/6010B)	Chromium, Total, ICAP	12	mg/l	0.20	20
	08/10/05 08:18		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/05/05 15:47	281895	(2510B/ SW9050)	Specific Conductance	8650	umho/cm	2.0	1
	08/10/05 00:00	282666	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.5	Units	0.001	1
M-19 (2508040547) Sampled on 08/03/05 06:58								
	08/15/05 23:54	283258	(EPA 314	) Perchlorate	2000	ug/l	800	200
	08/06/05 02:25	282015	(MWH200.7/6010B)	Chromium, Total, ICAP	0.30	mg/l	0.020	2
	08/05/05 15:47	281895	(2510B/ SW9050)	Specific Conductance	4740	umho/cm	2.0	1
	08/10/05 00:00	282666	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.8	Units	0.001	1



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Kerr McGee Chemical Company -
 Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-50 (2508040548) Sampled on 08/03/05 06:43								
	08/16/05 14:28	283381	(EPA 314)	Perchlorate	950000	ug/l	200000	50000
	08/17/05 18:05	283448	(MWH200.7/6010B)	Chromium, Total, ICAP	42	mg/l	1.0	100
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/05/05 15:47	281895	(2510B/ SW9050)	Specific Conductance	13900	umho/cm	2.0	1
	08/10/05 00:00	282666	(4500HB/ E 150)	PH (H1=past HT, not compliant)	7.4	Units	0.001	1
M-39 (2508040549) Sampled on 08/03/05 07:10								
	08/16/05 14:45	283381	(EPA 314)	Perchlorate	490000	ug/l	40000	10000
	08/17/05 18:08	283448	(MWH200.7/6010B)	Chromium, Total, ICAP	4.4	mg/l	0.020	2
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/05/05 15:47	281895	(2510B/ SW9050)	Specific Conductance	7100	umho/cm	2.0	1
	08/10/05 00:00	282666	(4500HB/ E 150)	PH (H1=past HT, not compliant)	7.7	Units	0.001	1
M-68 (2508040550) Sampled on 08/03/05 07:22								
	08/16/05 15:02	283381	(EPA 314)	Perchlorate	58000	ug/l	8000	2000
	08/06/05 02:33	282015	(MWH200.7/6010B)	Chromium, Total, ICAP	0.94	mg/l	0.020	2
	08/05/05 15:47	281895	(2510B/ SW9050)	Specific Conductance	6280	umho/cm	2.0	1
	08/10/05 00:00	282666	(4500HB/ E 150)	PH (H1=past HT, not compliant)	7.7	Units	0.001	1
M-74 (2508040551) Sampled on 08/03/05 07:34								
	08/16/05 15:19	283381	(EPA 314)	Perchlorate	67000	ug/l	4000	1000
	08/06/05 03:04	282015	(MWH200.7/6010B)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	08/05/05 15:47	281895	(2510B/ SW9050)	Specific Conductance	7100	umho/cm	2.0	1
	08/10/05 00:00	282666	(4500HB/ E 150)	PH (H1=past HT, not compliant)	7.6	Units	0.001	1
M-73 (2508040552) Sampled on 08/03/05 07:45								
	08/16/05 15:36	283381	(EPA 314)	Perchlorate	73000	ug/l	8000	2000
	08/17/05 00:00	283448	(MWH200.7/6010B)	Chromium, Total, ICAP	0.80	mg/l	0.020	2
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/05/05 15:47	281895	(2510B/ SW9050)	Specific Conductance	2830	umho/cm	2.0	1
	08/10/05 00:00	282667	(4500HB/ E 150)	PH (H1=past HT, not compliant)	8.1	Units	0.001	1



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Kerr McGee Chemical Company -
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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-88 (2508040553) Sampled on 08/03/05 07:56								
	08/16/05 15:53	283381	(EPA 314)	Perchlorate	46000	ug/l	4000	1000
	08/06/05 03:00	282015	(MWH200.7/6010B)	Chromium, Total, ICAP	0.78	mg/l	0.020	2
	08/05/05 16:03	281898	(2510B/ SW9050)	Specific Conductance	7690	umho/cm	2.0	1
	08/10/05 00:00	282667	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.7	Units	0.001	1
M-87 (2508040554) Sampled on 08/03/05 08:16								
	08/16/05 17:08	283381	(EPA 314)	Perchlorate	100000	ug/l	20000	5000
	08/17/05 18:15	283448	(MWH200.7/6010B)	Chromium, Total, ICAP	0.93	mg/l	0.020	2
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/05/05 16:03	281898	(2510B/ SW9050)	Specific Conductance	2080	umho/cm	2.0	1
	08/10/05 00:00	282667	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	8.1	Units	0.001	1
M-102 (2508040555) Sampled on 08/03/05 08:25								
	08/16/05 17:25	283381	(EPA 314)	Perchlorate	250000	ug/l	200000	50000
	08/17/05 18:19	283448	(MWH200.7/6010B)	Chromium, Total, ICAP	2.5	mg/l	0.020	2
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/05/05 16:03	281898	(2510B/ SW9050)	Specific Conductance	3830	umho/cm	2.0	1
	08/10/05 00:00	282667	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.8	Units	0.001	1
M-101 (2508040556) Sampled on 08/03/05 08:37								
	08/16/05 17:42	283381	(EPA 314)	Perchlorate	84000	ug/l	80000	20000
	08/17/05 18:22	283448	(MWH200.7/6010B)	Chromium, Total, ICAP	0.34	mg/l	0.020	2
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/05/05 16:03	281898	(2510B/ SW9050)	Specific Conductance	4270	umho/cm	2.0	1
	08/10/05 00:00	282667	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.8	Units	0.001	1
M-100 (2508040557) Sampled on 08/03/05 08:47								
	08/16/05 17:59	283381	(EPA 314)	Perchlorate	180000	ug/l	20000	5000
	08/06/05 02:49	282015	(MWH200.7/6010B)	Chromium, Total, ICAP	1.0	mg/l	0.020	2
	08/05/05 00:00	282055	(MWH SW7196)	Hexavalent chromium (Cr VI)	1.1(H3)	mg/l	0.050	10
	08/05/05 16:03	281898	(2510B/ SW9050)	Specific Conductance	3210	umho/cm	2.0	1
	08/10/05 00:00	282667	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.7	Units	0.001	1
08/05/05	08/05/05 11:50	282139	(SM 2540C)	Total Dissolved Solid (TDS)	2690	mg/l	10	1



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Kerr McGee Chemical Company -
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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
EB-2 (2508040558) Sampled on 08/03/05 08:27								
	08/16/05 18:16	283381	(EPA 314)	Perchlorate	88	ug/l	4.0	1
	08/06/05 02:22	282015	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/05/05 00:00	282055	(MWH SW7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.005	1
	08/05/05 16:03	281898	(2510B/ SW9050)	Specific Conductance	21	umho/cm	2.0	1
	08/10/05 00:00	282667	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	6.4	Units	0.001	1
08/05/05	08/05/05 11:50	282139	(SM 2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1
M-86 (2508040559) Sampled on 08/03/05 08:58								
	08/16/05 18:33	283381	(EPA 314)	Perchlorate	9000	ug/l	4000	1000
	08/17/05 18:38	283448	(MWH200.7/6010B)	Chromium, Total, ICAP	0.056	mg/l	0.020	2
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/05/05 16:03	281898	(2510B/ SW9050)	Specific Conductance	1540	umho/cm	2.0	1
	08/10/05 00:00	282667	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	8.0	Units	0.001	1
M-85 (2508040560) Sampled on 08/03/05 09:20								
	08/16/05 18:50	283381	(EPA 314)	Perchlorate	34000	ug/l	2000	500
	08/06/05 02:29	282015	(MWH200.7/6010B)	Chromium, Total, ICAP	0.069	mg/l	0.020	2
	08/05/05 16:03	281898	(2510B/ SW9050)	Specific Conductance	1620	umho/cm	2.0	1
	08/10/05 00:00	282667	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.9	Units	0.001	1
M-84 (2508040561) Sampled on 08/03/05 09:27								
	08/16/05 19:07	283381	(EPA 314)	Perchlorate	15000	ug/l	4000	1000
	08/06/05 02:45	282015	(MWH200.7/6010B)	Chromium, Total, ICAP	0.15	mg/l	0.020	2
	08/05/05 00:00	282055	(MWH SW7196)	Hexavalent chromium (Cr VI)	0.16(H3)	mg/l	0.005	1
	08/05/05 16:03	281898	(2510B/ SW9050)	Specific Conductance	1570	umho/cm	2.0	1
	08/10/05 00:00	282667	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.8	Units	0.001	1
08/05/05	08/05/05 11:50	282139	(SM 2540C)	Total Dissolved Solid (TDS)	1200	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-83 (2508040562) Sampled on 08/03/05 09:38								
	08/17/05 13:56	283488	(EPA 314)	Perchlorate	65000	ug/l	8000	2000
	08/06/05 02:37	282015	(MWH200.7/6010B)	Chromium, Total, ICAP	0.50	mg/l	0.020	2
	08/05/05 16:03	281898	(2510B/ SW9050)	Specific Conductance	2250	umho/cm	2.0	1
	08/10/05 00:00	282669	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.8	Units	0.001	1
M-70 (2508040563) Sampled on 08/03/05 09:49								
	08/17/05 14:13	283488	(EPA 314)	Perchlorate	830000	ug/l	80000	20000
	08/06/05 03:12	282015	(MWH200.7/6010B)	Chromium, Total, ICAP	5	mg/l	0.050	5
	08/05/05 16:19	281901	(2510B/ SW9050)	Specific Conductance	7560	umho/cm	2.0	1
	08/10/05 00:00	282669	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.5	Units	0.001	1
M-71 (2508040564) Sampled on 08/03/05 09:58								
	08/17/05 16:12	283488	(EPA 314)	Perchlorate	1800000	ug/l	200000	50000
	08/06/05 03:16	282015	(MWH200.7/6010B)	Chromium, Total, ICAP	6.7	mg/l	0.10	10
	08/05/05 16:19	281901	(2510B/ SW9050)	Specific Conductance	9900	umho/cm	2.0	1
	08/10/05 00:00	282669	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.3	Units	0.001	1
M-72 (2508040565) Sampled on 08/03/05 10:05								
	08/17/05 14:47	283488	(EPA 314)	Perchlorate	1500000	ug/l	80000	20000
	08/17/05 18:42	283448	(MWH200.7/6010B)	Chromium, Total, ICAP	6	mg/l	0.050	5
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/05/05 16:19	281901	(2510B/ SW9050)	Specific Conductance	9030	umho/cm	2.0	1
	08/10/05 00:00	282669	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.4	Units	0.001	1
M-89 (2508040566) Sampled on 08/03/05 10:37								
	08/17/05 15:04	283488	(EPA 314)	Perchlorate	1700000	ug/l	200000	50000
	08/17/05 18:01	283448	(MWH200.7/6010B)	Chromium, Total, ICAP	27	mg/l	0.50	50
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/05/05 16:19	281901	(2510B/ SW9050)	Specific Conductance	12900	umho/cm	2.0	1
	08/10/05 00:00	282670	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.3	Units	0.001	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
MD-2 (2508040567) Sampled on 08/03/05 00:00								
	08/18/05 12:33	283674	(EPA 314	) Perchlorate	16000	ug/l	4000	1000
	08/06/05 02:41	282015	(MWH200.7/6010B)	Chromium, Total, ICAP	0.17	mg/l	0.020	2
	08/05/05 00:00	282055	(MWH SW7196	) Hexavalent chromium (Cr VI)	0.18(H3)	mg/l	0.005	1
	08/05/05 16:19	281901	(2510B/ SW9050)	Specific Conductance	1600	umho/cm	2.0	1
	08/09/05 00:00	282497	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.8	Units	0.001	1
08/05/05	08/05/05 11:50	282139	(SM 2540C	) Total Dissolved Solid (TDS)	1220	mg/l	10	1
M-36 (2508040568) Sampled on 08/03/05 10:20								
	08/17/05 15:38	283488	(EPA 314	) Perchlorate	1800000	ug/l	200000	50000
	08/17/05 18:45	283448	(MWH200.7/6010B)	Chromium, Total, ICAP	40	mg/l	0.20	20
	08/05/05 00:00	282055	(MWH SW7196	) Hexavalent chromium (Cr VI)	44(H3)	mg/l	0.50	100
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/05/05 16:19	281901	(2510B/ SW9050)	Specific Conductance	15300	umho/cm	2.0	1
	08/10/05 00:00	282669	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.2	Units	0.001	1
08/05/05	08/05/05 11:50	282139	(SM 2540C	) Total Dissolved Solid (TDS)	20100	mg/l	10	1
M-38 (2508040569) Sampled on 08/03/05 10:23								
	08/17/05 15:55	283488	(EPA 314	) Perchlorate	2000000	ug/l	200000	50000
	08/17/05 18:49	283448	(MWH200.7/6010B)	Chromium, Total, ICAP	29	mg/l	0.10	10
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/05/05 16:19	281901	(2510B/ SW9050)	Specific Conductance	13600	umho/cm	2.0	1
	08/10/05 00:00	282670	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.3	Units	0.001	1
M-17A (2508040570) Sampled on 08/03/05 11:07								
	08/17/05 16:46	283488	(EPA 314	) Perchlorate	300000	ug/l	80000	20000
	08/17/05 18:53	283448	(MWH200.7/6010B)	Chromium, Total, ICAP	30	mg/l	0.50	50
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/05/05 16:19	281901	(2510B/ SW9050)	Specific Conductance	12200	umho/cm	2.0	1
	08/10/05 00:00	282670	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.4	Units	0.001	1



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QC Ref #281895 - Specific Conductance

Analysis Date: 08/05/2005

2508040544	M-11	Analyzed by: sar
2508040545	M-12A	Analyzed by: sar
2508040546	M-31A	Analyzed by: sar
2508040547	M-19	Analyzed by: sar
2508040548	M-50	Analyzed by: sar
2508040549	M-39	Analyzed by: sar
2508040550	M-68	Analyzed by: sar
2508040551	M-74	Analyzed by: sar
2508040552	M-73	Analyzed by: sar

QC Ref #281898 - Specific Conductance

Analysis Date: 08/05/2005

2508040553	M-88	Analyzed by: sar
2508040554	M-87	Analyzed by: sar
2508040555	M-102	Analyzed by: sar
2508040556	M-101	Analyzed by: sar
2508040557	M-100	Analyzed by: sar
2508040558	EB-2	Analyzed by: sar
2508040559	M-86	Analyzed by: sar
2508040560	M-85	Analyzed by: sar
2508040561	M-84	Analyzed by: sar
2508040562	M-83	Analyzed by: sar

QC Ref #281901 - Specific Conductance

Analysis Date: 08/05/2005

2508040563	M-70	Analyzed by: sar
2508040564	M-71	Analyzed by: sar
2508040565	M-72	Analyzed by: sar
2508040566	M-89	Analyzed by: sar
2508040567	MD-2	Analyzed by: sar
2508040568	M-36	Analyzed by: sar
2508040569	M-38	Analyzed by: sar
2508040570	M-17A	Analyzed by: sar



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Kerr McGee Chemical Company -
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QC Ref #282015 - Chromium, Total, ICAP

Analysis Date: 08/06/2005

2508040544	M-11	Analyzed by: wbh
2508040547	M-19	Analyzed by: wbh
2508040550	M-68	Analyzed by: wbh
2508040551	M-74	Analyzed by: wbh
2508040553	M-88	Analyzed by: wbh
2508040557	M-100	Analyzed by: wbh
2508040558	EB-2	Analyzed by: wbh
2508040560	M-85	Analyzed by: wbh
2508040561	M-84	Analyzed by: wbh
2508040562	M-83	Analyzed by: wbh
2508040563	M-70	Analyzed by: wbh
2508040564	M-71	Analyzed by: wbh
2508040567	MD-2	Analyzed by: wbh

QC Ref #282055 - Hexavalent chromium (Cr VI)

Analysis Date: 08/05/2005

2508040544	M-11	Analyzed by: wbh
2508040545	M-12A	Analyzed by: wbh
2508040557	M-100	Analyzed by: wbh
2508040558	EB-2	Analyzed by: wbh
2508040561	M-84	Analyzed by: wbh
2508040567	MD-2	Analyzed by: wbh
2508040568	M-36	Analyzed by: wbh

QC Ref #282139 - Total Dissolved Solid (TDS)

Analysis Date: 08/05/2005

2508040544	M-11	Analyzed by: clv
2508040557	M-100	Analyzed by: clv
2508040558	EB-2	Analyzed by: clv
2508040561	M-84	Analyzed by: clv
2508040567	MD-2	Analyzed by: clv
2508040568	M-36	Analyzed by: clv



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Kerr McGee Chemical Company -
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QC Ref #282284 - Total Dissolved Solid (TDS) Analysis Date: 08/05/2005

2508040545 M-12A Analyzed by: clv

QC Ref #282497 - PH (H1=past HT, not compliant) Analysis Date: 08/09/2005

2508040567 MD-2 Analyzed by: aide

QC Ref #282657 - PH (H1=past HT, not compliant) Analysis Date: 08/10/2005

2508040544 M-11 Analyzed by: aide

QC Ref #282666 - PH (H1=past HT, not compliant) Analysis Date: 08/10/2005

2508040545 M-12A Analyzed by: aide
2508040546 M-31A Analyzed by: aide
2508040547 M-19 Analyzed by: aide
2508040548 M-50 Analyzed by: aide
2508040549 M-39 Analyzed by: aide
2508040550 M-68 Analyzed by: aide
2508040551 M-74 Analyzed by: aide

QC Ref #282667 - PH (H1=past HT, not compliant) Analysis Date: 08/10/2005

2508040552 M-73 Analyzed by: aide
2508040553 M-88 Analyzed by: aide
2508040554 M-87 Analyzed by: aide
2508040555 M-102 Analyzed by: aide
2508040556 M-101 Analyzed by: aide
2508040557 M-100 Analyzed by: aide
2508040558 EB-2 Analyzed by: aide
2508040559 M-86 Analyzed by: aide
2508040560 M-85 Analyzed by: aide
2508040561 M-84 Analyzed by: aide



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Laboratory
QC Summary
#153780

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #282669 - PH (H1=past HT, not compliant) Analysis Date: 08/10/2005

2508040562	M-83	Analyzed by: aide
2508040563	M-70	Analyzed by: aide
2508040564	M-71	Analyzed by: aide
2508040565	M-72	Analyzed by: aide
2508040568	M-36	Analyzed by: aide

QC Ref #282670 - PH (H1=past HT, not compliant) Analysis Date: 08/10/2005

2508040566	M-89	Analyzed by: aide
2508040569	M-38	Analyzed by: aide
2508040570	M-17A	Analyzed by: aide

QC Ref #282694 - Chromium, Total, ICAP Analysis Date: 08/11/2005

2508040545	M-12A	Analyzed by: wbh
2508040546	M-31A	Analyzed by: wbh

QC Ref #283258 - Perchlorate Analysis Date: 08/15/2005

2508040544	M-11	Analyzed by: bxs
2508040545	M-12A	Analyzed by: bxs
2508040546	M-31A	Analyzed by: bxs
2508040547	M-19	Analyzed by: bxs

QC Ref #283381 - Perchlorate Analysis Date: 08/16/2005

2508040548	M-50	Analyzed by: bxs
2508040549	M-39	Analyzed by: bxs
2508040550	M-68	Analyzed by: bxs
2508040551	M-74	Analyzed by: bxs
2508040552	M-73	Analyzed by: bxs
2508040553	M-88	Analyzed by: bxs
2508040554	M-87	Analyzed by: bxs
2508040555	M-102	Analyzed by: bxs
2508040556	M-101	Analyzed by: bxs



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Laboratory
QC Summary
#153780

Kerr McGee Chemical Company -
Henderson
(continued)

2508040557	M-100	Analyzed by: bxs
2508040558	EB-2	Analyzed by: bxs
2508040559	M-86	Analyzed by: bxs
2508040560	M-85	Analyzed by: bxs
2508040561	M-84	Analyzed by: bxs

QC Ref #283448 - Chromium, Total, ICAP

Analysis Date: 08/17/2005

2508040548	M-50	Analyzed by: wbh
2508040549	M-39	Analyzed by: wbh
2508040552	M-73	Analyzed by: wbh
2508040554	M-87	Analyzed by: wbh
2508040555	M-102	Analyzed by: wbh
2508040556	M-101	Analyzed by: wbh
2508040559	M-86	Analyzed by: wbh
2508040565	M-72	Analyzed by: wbh
2508040566	M-89	Analyzed by: wbh
2508040568	M-36	Analyzed by: wbh
2508040569	M-38	Analyzed by: wbh
2508040570	M-17A	Analyzed by: wbh

QC Ref #283488 - Perchlorate

Analysis Date: 08/17/2005

2508040562	M-83	Analyzed by: bxs
2508040563	M-70	Analyzed by: bxs
2508040564	M-71	Analyzed by: bxs
2508040565	M-72	Analyzed by: bxs
2508040566	M-89	Analyzed by: bxs
2508040568	M-36	Analyzed by: bxs
2508040569	M-38	Analyzed by: bxs
2508040570	M-17A	Analyzed by: bxs

QC Ref #283674 - Perchlorate

Analysis Date: 08/18/2005

2508040567	MD-2	Analyzed by: bxs
------------	------	------------------



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Laboratory
QC Report
#153780

Kerr McGee Chemical Company -
Henderson

QC Ref #281895 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	2830	2800	UMHO		(0-20)	1.1

QC Ref #281898 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	2250	2260	UMHO		(0-20)	0.4

QC Ref #281901 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	12200	12300	UMHO		(0-20)	0.8

QC Ref #282015 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	1.0	MGL	100.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	1.00
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.994	MGL	99.4	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.997	MGL	99.7	(70-130)	0.30

QC Ref #282055 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	08050314	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.048	MGL	96.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.048	MGL	96.0	(85-115)	0.00
MBLK	Hexavalent chromium (Cr VI)	ND	<0.005	MGL			

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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Laboratory
QC Report
#153780

Kerr McGee Chemical Company -
Henderson
(continued)

MS	Hexavalent chromium (Cr VI)	0.50	0.50	MGL	100.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.50	0.51	MGL	102.0	(70-130)	2.0

QC Ref #282139 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	08040112	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	698	702	MGL		(0-10)	0.6
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	686	MGL	98.0	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			

QC Ref #282284 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	08040112	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	698	702	MGL		(0-10)	0.6
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	686	MGL	98.0	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			

QC Ref #282497 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	6.0	6.0	UNIT		(0-20)	0.0

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Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
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Laboratory
QC Report
#153780

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #282657 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.7	7.7	UNIT		(0-20)	0.0

QC Ref #282666 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.6	7.6	UNIT		(0-20)	0.0

QC Ref #282667 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.8	7.8	UNIT		(0-20)	0.0

QC Ref #282669 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.2	7.2	UNIT		(0-20)	0.0

QC Ref #282670 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	8.0	8.0	UNIT		(0-20)	0.0

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Laboratory
QC Report
#153780

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #282694 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.887	MGL	88.7	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.889	MGL	88.9	(85-115)	0.23
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.962	MGL	96.2	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.95	MGL	95.0	(70-130)	1.3

QC Ref #283258 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS2	Perchlorate	25.0	25	UGL	100.0	(85-115)	0.80
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.4	UGL	97.6	(70-130)	
MSD	Perchlorate	25.0	24.6	UGL	98.4	(70-130)	0.82

QC Ref #283381 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS2	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	1.2
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.4	UGL	97.6	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	1.2

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Laboratory
QC Report
#153780

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #283448 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.977	MGL	97.7	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.953	MGL	95.3	(85-115)	2.5
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.989	MGL	98.9	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.969	MGL	96.9	(70-130)	2.0

QC Ref #283488 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS2	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	0.00
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.9	UGL	99.6	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	0.81

QC Ref #283674 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS2	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	0.82
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.9	UGL	99.6	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	0.81

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
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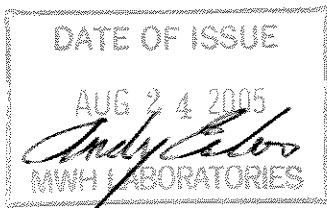
Laboratory Report

for

Kerr McGee Chemical Company - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager



Report#: 154013
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 15 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
 (626) 386-1100 (800) 586-5227

WWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JK

SAMPLE TEMP, RECEIPT AT LAB: 60

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP
 PROJECT JOB # / P.O.#: [Blank]
 Collection Wells Fields - Weekly - SO #12373
 ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)										SAMPLER COMMENTS		
							Total ClO ₄	Fe	Total Chrome										
0530	8/8/05		ART-1	RSW	X		X	X	X										SBO - 12373 & 18787
0530	8/8/05		ART-2	RSW	X		X	X	X										
0530	8/8/05		ART-3	RSW	X		X	X	X										
0530	8/8/05		ART-4	RSW	X		X	X	X										
0530	8/8/05		ART-5	RSW	X		X	X	X										
0530	8/8/05		ART-6	RSW	X		X	X	X										
0530	8/8/05		ART-7	RSW	X		X	X	X										
0530	8/8/05		ART-8	RSW	X		X	X	X										
0600	8/8/05		PC-99R2/R3	RSW	X		X	X	X										
0600	8/8/05		PC-115R	RSW	X		X	X	X										
0600	8/8/05		PC-116R	RSW	X		X	X	X										
0600	8/8/05		Seep Surface Flow	RSW	X		X	X	X										

* MATRIX TYPES: Reported by Volume:
 CFW = Chloro(am)inated Finished Water
 FW = Other Finished Water
Reported by Weight:
 SO = Soil
 SL = Sludge
 CW = Chlorinated Waste Water
 WW = Other Waste Water
 SW = Storm Water
 RGW = Raw Ground Water
 RSW = Raw Surface Water

RELINQUISHED BY: Michele Brown SIGNATURE
 RECEIVED BY: Joe Sanchez SIGNATURE
 RELINQUISHED BY: [Blank]
 RECEIVED BY: [Blank]
 PRINT NAME: Michele Brown
 COMPANY/TITLE: Veolia Water for Kerr McGee
 DATE: 8/8/2005
 TIME: 1200pm
 8/9/05 1345



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

MWLBS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)		SAMPLER COMMENTS	
KERRMCGEE-MP Michele Brown Susan Crowley (702) 851-2200		Kerr-McGee Chemical LLC PO Box 55 Henderson, NV 89009		Collection Wells Fields - Monthly - SO #12373		Total ClO ₂ Total Chrome		<input checked="" type="checkbox"/> (check for yes)	
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	Total ClO ₂	Total Chrome	SAMPLER COMMENTS
	6:00	8/8/05	SF-1	RSW	X		X	X	
	6:00	8/8/05	PC-117	RSW	X		X	X	
	6:00	8/8/05	PC-118	RSW	X		X	X	
	6:00	8/8/05	PC-119	RSW	X		X	X	
	6:00	8/8/05	PC-120	RSW	X		X	X	
	6:00	8/8/05	PC-121	RSW	X		X	X	
	6:00	8/8/05	PC-133	RSW	X		X	X	

* MATRIX TYPES: Reported by Volume:
 CFW = Chlor/aminated Finished Water
 FW = Other Finished Water

Reported by Weight:
 SO = Soil
 SL = Sludge

RGW = Raw Ground Water
 RSW = Raw Surface Water
 CWW = Chlorinated Waste Water
 WW = Other Waste Water
 SW = Storm Water

RELINQUISHED BY: <i>Michele Brown</i>	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY: <i>Joe Sanchez</i>		Michele Brown	Vecilia Water for Kerr McGee	8/8/2005	1200pm
RELINQUISHED BY:		JOE SANCHEZ	MWMT	8/8/05	15:45
RECEIVED BY:					



MWH Laboratories, a Division of MWH Americas, Inc.
750 Royal Oaks Avenue Suite 100
Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Kerr McGee Chemical Company - Henderson Standing

Andrew Eaton Your MWL Project Manager
(626) 386-1125 Direct Phone/Voice Mail

Client Code KERRMCGEE-MP W Weekly
Project Code CLO4 Week 1
PO# / Job# GWREMEDIATION
Blanket PO

SO# 25055 12373 RS

Sampler: Please Return this Paper with your samples

0

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
8000 West Lake Mead Drive
Henderson, NV 89015

Created by

Order Date

07/05/05

Date Needed
by Client

Send Report to

Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Billing Address

KMCLLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

Date Samples
to Arrive at MWL

ATTN: Susan Crowley
PHONE: 702-651-2234

ATTN: Susan Crowley
PHONE: 702-651-2234
FAX: 702-651-2310

Quote#

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
30	CLO4, EC	1 125ml poly /no preservative	-	These sites are weekly through end of 2003
-	SHEET OF LABELS WITH WELL-IDS	see comments section	-	PC-117, PC-118, PC-119, PC-120, and PC-121
-			-	PC-116R
-			-	PC-99R2
-			-	PC-99R3
-			-	PC-115R
-			-	ART-1
-			-	ART-2
-			-	ART-3
-			-	ART-4
-			-	ART-5
-			-	ART-6
-			-	ART-7
-			-	ART-8
-			-	Seep Surface Flow
-			-	SF-1"
-			-	Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on
-			-	EXTRA BOTTLES INCLUDED
-			-	client code changed 7/25/03

ActiveCode

Status

Date Shipped

Carrier

Qty of Coolers

Tracking Number

Prepared By

SCANNED



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Report
Comments
#154013

Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____



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Laboratory
Hits Report
#154013

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
09-aug-2005 15:30:41

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508090065	ART-1				
08/18/05	Perchlorate		240		ug/l	20
08/11/05	Specific Conductance		8960		umho/cm	2.0
	2508090066	ART-2				
08/10/05	Chromium, Total, ICAP		0.042		mg/l	0.020
08/18/05	Perchlorate		160000		ug/l	20000
08/11/05	Specific Conductance		11500		umho/cm	2.0
	2508090067	ART-3				
08/10/05	Chromium, Total, ICAP		0.19		mg/l	0.020
08/18/05	Perchlorate		480000		ug/l	40000
08/11/05	Specific Conductance		8820		umho/cm	2.0
	2508090068	ART-4				
08/10/05	Chromium, Total, ICAP		0.16		mg/l	0.020
08/18/05	Perchlorate		400000		ug/l	40000
08/11/05	Specific Conductance		6510		umho/cm	2.0
	2508090069	ART-5				
08/17/05	Chromium, Total, ICAP		0.25		mg/l	0.020
08/16/05	Metals digestion performed.		Y		Yes/No	
08/18/05	Perchlorate		110000		ug/l	20000
08/11/05	Specific Conductance		10000		umho/cm	2.0
	2508090070	ART-6				

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Laboratory
Hits Report
#154013

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
09-aug-2005 15:30:41

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508090070	ART-6				
08/10/05		Chromium, Total, ICAP	1.0		mg/l	0.020
08/18/05		Perchlorate	300000		ug/l	20000
08/11/05		Specific Conductance	7840		umho/cm	2.0
	2508090071	ART-7				
08/10/05		Chromium, Total, ICAP	0.54		mg/l	0.020
08/18/05		Perchlorate	130000		ug/l	20000
08/11/05		Specific Conductance	10900		umho/cm	2.0
	2508090072	ART-8				
08/10/05		Chromium, Total, ICAP	0.18		mg/l	0.020
08/18/05		Perchlorate	400000		ug/l	40000
08/11/05		Specific Conductance	10800		umho/cm	2.0
	2508090073	PC-99R2/R3				
08/10/05		Chromium, Total, ICAP	0.022		mg/l	0.020
08/19/05		Perchlorate	19000		ug/l	2000
08/11/05		Specific Conductance	5300		umho/cm	2.0
	2508090074	PC-115R				
08/10/05		Chromium, Total, ICAP	0.061		mg/l	0.020
08/19/05		Perchlorate	22000		ug/l	2000
08/11/05		Specific Conductance	5410		umho/cm	2.0

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 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 09-aug-2005 15:30:41

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508090075	PC-116R				
	2508090075	PC-116R				
08/19/05	Perchlorate		16000		ug/l	2000
08/11/05	Specific Conductance		5600		umho/cm	2.0
	2508090076	SEEP SURFACE FLOW				
08/19/05	Perchlorate		6000		ug/l	2000
08/11/05	Specific Conductance		4670		umho/cm	2.0
	2508090077	SF-1				
08/16/05	Metals digestion performed.		Y		Yes/No	
08/11/05	Specific Conductance		7370		umho/cm	2.0
	2508090078	PC-117				
08/10/05	Chromium, Total, ICAP		0.032		mg/l	0.020
08/19/05	Perchlorate		15000		ug/l	2000
08/11/05	Specific Conductance		5690		umho/cm	2.0
	2508090079	PC-118				
08/19/05	Perchlorate		25000		ug/l	2000
08/11/05	Specific Conductance		6030		umho/cm	2.0
	2508090080	PC-119				

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Susan Crowley
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Samples Received
09-aug-2005 15:30:41

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508090080	PC-119				
08/10/05		Chromium, Total, ICAP	0.15		mg/l	0.020
08/19/05		Perchlorate	22000		ug/l	2000
08/11/05		Specific Conductance	6140		umho/cm	2.0
	2508090081	PC-120				
08/19/05		Perchlorate	13000		ug/l	2000
08/11/05		Specific Conductance	5290		umho/cm	2.0
	2508090082	PC-121				
08/19/05		Perchlorate	5000		ug/l	2000
08/11/05		Specific Conductance	4180		umho/cm	2.0
	2508090083	PC-133				
08/10/05		Chromium, Total, ICAP	0.062		mg/l	0.020
08/19/05		Perchlorate	17000		ug/l	2000
08/11/05		Specific Conductance	5630		umho/cm	2.0

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Samples Received
 08/09/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2508090065) Sampled on 08/08/05 05:30								
	08/18/05 17:10	283674	(EPA 314	) Perchlorate	240	ug/l	20	5
	08/10/05 19:16	282519	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/11/05 14:07	282794	(2510B/ SW9050)	Specific Conductance	8960	umho/cm	2.0	1
ART-2 (2508090066) Sampled on 08/08/05 05:30								
	08/18/05 17:27	283674	(EPA 314	) Perchlorate	160000	ug/l	20000	5000
	08/10/05 19:21	282519	(MWH200.7/6010B)	Chromium, Total, ICAP	0.042	mg/l	0.020	2
	08/11/05 14:07	282794	(2510B/ SW9050)	Specific Conductance	11500	umho/cm	2.0	1
ART-3 (2508090067) Sampled on 08/08/05 05:30								
	08/18/05 17:44	283674	(EPA 314	) Perchlorate	480000	ug/l	40000	10000
	08/10/05 17:58	282518	(MWH200.7/6010B)	Chromium, Total, ICAP	0.19	mg/l	0.020	2
	08/11/05 14:07	282794	(2510B/ SW9050)	Specific Conductance	8820	umho/cm	2.0	1
ART-4 (2508090068) Sampled on 08/08/05 05:30								
	08/18/05 18:01	283674	(EPA 314	) Perchlorate	400000	ug/l	40000	10000
	08/10/05 17:35	282518	(MWH200.7/6010B)	Chromium, Total, ICAP	0.16	mg/l	0.020	2
	08/11/05 14:07	282794	(2510B/ SW9050)	Specific Conductance	6510	umho/cm	2.0	1
ART-5 (2508090069) Sampled on 08/08/05 05:30								
	08/18/05 18:18	283674	(EPA 314	) Perchlorate	110000	ug/l	20000	5000
	08/17/05 15:58	283447	(MWH200.7/6010B)	Chromium, Total, ICAP	0.25	mg/l	0.020	2
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/11/05 14:07	282794	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1



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Kerr McGee Chemical Company -
 Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-6 (2508090070) Sampled on 08/08/05 05:30								
	08/18/05 18:35	283674	(EPA 314)	Perchlorate	300000	ug/l	20000	5000
	08/10/05 17:50	282518	(MWH200.7/6010B)	Chromium, Total, ICAP	1.0	mg/l	0.020	2
	08/11/05 14:07	282794	(2510B/ SW9050)	Specific Conductance	7840	umho/cm	2.0	1
ART-7 (2508090071) Sampled on 08/08/05 05:30								
	08/18/05 18:52	283674	(EPA 314)	Perchlorate	130000	ug/l	20000	5000
	08/10/05 17:54	282518	(MWH200.7/6010B)	Chromium, Total, ICAP	0.54	mg/l	0.020	2
	08/11/05 14:07	282794	(2510B/ SW9050)	Specific Conductance	10900	umho/cm	2.0	1
ART-8 (2508090072) Sampled on 08/08/05 05:30								
	08/18/05 19:09	283674	(EPA 314)	Perchlorate	400000	ug/l	40000	10000
	08/10/05 17:46	282518	(MWH200.7/6010B)	Chromium, Total, ICAP	0.18	mg/l	0.020	2
	08/11/05 14:07	282794	(2510B/ SW9050)	Specific Conductance	10800	umho/cm	2.0	1
PC-99R2/R3 (2508090073) Sampled on 08/08/05 06:00								
	08/19/05 13:48	283869	(EPA 314)	Perchlorate	19000	ug/l	2000	500
	08/10/05 19:05	282519	(MWH200.7/6010B)	Chromium, Total, ICAP	0.022	mg/l	0.020	2
	08/11/05 14:07	282794	(2510B/ SW9050)	Specific Conductance	5300	umho/cm	2.0	1
PC-115R (2508090074) Sampled on 08/08/05 06:00								
	08/19/05 14:05	283869	(EPA 314)	Perchlorate	22000	ug/l	2000	500
	08/10/05 17:07	282518	(MWH200.7/6010B)	Chromium, Total, ICAP	0.061	mg/l	0.020	2
	08/11/05 14:22	282797	(2510B/ SW9050)	Specific Conductance	5410	umho/cm	2.0	1
PC-116R (2508090075) Sampled on 08/08/05 06:00								
	08/19/05 14:22	283869	(EPA 314)	Perchlorate	16000	ug/l	2000	500
	08/10/05 18:14	282518	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/11/05 14:22	282797	(2510B/ SW9050)	Specific Conductance	5600	umho/cm	2.0	1



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Kerr McGee Chemical Company -
 Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
SEEP SURFACE FLOW (2508090076)					Sampled on 08/08/05 06:00			
	08/19/05 14:39	283869	(EPA 314)	Perchlorate	6000	ug/l	2000	500
	08/10/05 17:39	282518	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/11/05 14:22	282797	(2510B/ SW9050)	Specific Conductance	4670	umho/cm	2.0	1
SF-1 (2508090077)					Sampled on 08/08/05 06:00			
	08/19/05 00:00	283999	(EPA 314)	Perchlorate	ND	ug/l	4.0	2
	08/17/05 16:01	283447	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/16/05 12:31		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/11/05 14:22	282797	(2510B/ SW9050)	Specific Conductance	7370	umho/cm	2.0	1
PC-117 (2508090078)					Sampled on 08/08/05 06:00			
	08/19/05 15:13	283869	(EPA 314)	Perchlorate	15000	ug/l	2000	500
	08/10/05 17:42	282518	(MWH200.7/6010B)	Chromium, Total, ICAP	0.032	mg/l	0.020	2
	08/11/05 14:22	282797	(2510B/ SW9050)	Specific Conductance	5690	umho/cm	2.0	1
PC-118 (2508090079)					Sampled on 08/08/05 06:00			
	08/19/05 15:30	283869	(EPA 314)	Perchlorate	25000	ug/l	2000	500
	08/10/05 17:31	282518	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/11/05 14:22	282797	(2510B/ SW9050)	Specific Conductance	6030	umho/cm	2.0	1
PC-119 (2508090080)					Sampled on 08/08/05 06:00			
	08/19/05 15:47	283869	(EPA 314)	Perchlorate	22000	ug/l	2000	500
	08/10/05 19:09	282519	(MWH200.7/6010B)	Chromium, Total, ICAP	0.15	mg/l	0.020	2
	08/11/05 14:22	282797	(2510B/ SW9050)	Specific Conductance	6140	umho/cm	2.0	1
PC-120 (2508090081)					Sampled on 08/08/05 06:00			
	08/19/05 17:12	283869	(EPA 314)	Perchlorate	13000	ug/l	2000	500
	08/10/05 17:23	282518	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/11/05 14:22	282797	(2510B/ SW9050)	Specific Conductance	5290	umho/cm	2.0	1



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Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-121 (2508090082)		Sampled on 08/08/05 06:00						
08/19/05 17:29	283869	(EPA 314	)	Perchlorate	5000	ug/l	2000	500
08/10/05 19:12	282519	(MWH200.7/6010B)		Chromium, Total, ICAP	ND	mg/l	0.020	2
08/11/05 14:22	282797	(2510B/ SW9050)		Specific Conductance	4180	umho/cm	2.0	1
PC-133 (2508090083)		Sampled on 08/08/05 06:00						
08/19/05 17:46	283869	(EPA 314	)	Perchlorate	17000	ug/l	2000	500
08/10/05 17:27	282518	(MWH200.7/6010B)		Chromium, Total, ICAP	0.062	mg/l	0.020	2
08/11/05 14:22	282797	(2510B/ SW9050)		Specific Conductance	5630	umho/cm	2.0	1



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QC Summary
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Kerr McGee Chemical Company -
Henderson

QC Ref #282518 - Chromium, Total, ICAP

Analysis Date: 08/10/2005

2508090067	ART-3	Analyzed by: wbh
2508090068	ART-4	Analyzed by: wbh
2508090070	ART-6	Analyzed by: wbh
2508090071	ART-7	Analyzed by: wbh
2508090072	ART-8	Analyzed by: wbh
2508090074	PC-115R	Analyzed by: wbh
2508090075	PC-116R	Analyzed by: wbh
2508090076	SEEP SURFACE FLOW	Analyzed by: wbh
2508090078	PC-117	Analyzed by: wbh
2508090079	PC-118	Analyzed by: wbh
2508090081	PC-120	Analyzed by: wbh
2508090083	PC-133	Analyzed by: wbh

QC Ref #282519 - Chromium, Total, ICAP

Analysis Date: 08/10/2005

2508090065	ART-1	Analyzed by: wbh
2508090066	ART-2	Analyzed by: wbh
2508090073	PC-99R2/R3	Analyzed by: wbh
2508090080	PC-119	Analyzed by: wbh
2508090082	PC-121	Analyzed by: wbh

QC Ref #282794 - Specific Conductance

Analysis Date: 08/11/2005

2508090065	ART-1	Analyzed by: sar
2508090066	ART-2	Analyzed by: sar
2508090067	ART-3	Analyzed by: sar
2508090068	ART-4	Analyzed by: sar
2508090069	ART-5	Analyzed by: sar
2508090070	ART-6	Analyzed by: sar
2508090071	ART-7	Analyzed by: sar
2508090072	ART-8	Analyzed by: sar
2508090073	PC-99R2/R3	Analyzed by: sar

QC Ref #282797 - Specific Conductance

Analysis Date: 08/11/2005

2508090074	PC-115R	Analyzed by: sar
2508090075	PC-116R	Analyzed by: sar
2508090076	SEEP SURFACE FLOW	Analyzed by: sar
2508090077	SF-1	Analyzed by: sar



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QC Summary
#154013

Kerr McGee Chemical Company -
Henderson
(continued)

2508090078	PC-117	Analyzed by: sar
2508090079	PC-118	Analyzed by: sar
2508090080	PC-119	Analyzed by: sar
2508090081	PC-120	Analyzed by: sar
2508090082	PC-121	Analyzed by: sar
2508090083	PC-133	Analyzed by: sar

QC Ref #283447 - Chromium, Total, ICAP

Analysis Date: 08/17/2005

2508090069	ART-5	Analyzed by: wbh
2508090077	SF-1	Analyzed by: wbh

QC Ref #283674 - Perchlorate

Analysis Date: 08/18/2005

2508090065	ART-1	Analyzed by: bxs
2508090066	ART-2	Analyzed by: bxs
2508090067	ART-3	Analyzed by: bxs
2508090068	ART-4	Analyzed by: bxs
2508090069	ART-5	Analyzed by: bxs
2508090070	ART-6	Analyzed by: bxs
2508090071	ART-7	Analyzed by: bxs
2508090072	ART-8	Analyzed by: bxs

QC Ref #283869 - Perchlorate

Analysis Date: 08/19/2005

2508090073	PC-99R2/R3	Analyzed by: bxs
2508090074	PC-115R	Analyzed by: bxs
2508090075	PC-116R	Analyzed by: bxs
2508090076	SEEP SURFACE FLOW	Analyzed by: bxs
2508090078	PC-117	Analyzed by: bxs
2508090079	PC-118	Analyzed by: bxs
2508090080	PC-119	Analyzed by: bxs
2508090081	PC-120	Analyzed by: bxs
2508090082	PC-121	Analyzed by: bxs
2508090083	PC-133	Analyzed by: bxs



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QC Summary
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Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #283999 - Perchlorate

2508090077

SF-1

Analysis Date: 08/19/2005

Analyzed by: bxs



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Kerr McGee Chemical Company -
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QC Ref #282518 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.992	MGL	99.2	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	1.8
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.97	MGL	97.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.971	MGL	97.1	(70-130)	0.10

QC Ref #282519 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.984	MGL	98.4	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.996	MGL	99.6	(85-115)	1.2
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.957	MGL	95.7	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.966	MGL	96.6	(70-130)	0.94

QC Ref #282794 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	5300	5240	UMHO		(0-20)	1.1

QC Ref #282797 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	5630	5660	UMHO		(0-20)	0.5

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
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Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #283447 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.968	MGL	96.8	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.0	MGL	100.0	(85-115)	3.3
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.995	MGL	99.5	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.94	MGL	94.0	(70-130)	5.7

QC Ref #283674 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS2	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	0.82
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.9	UGL	99.6	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	0.81

QC Ref #283869 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25	UGL	100.0	(85-115)	
LCS2	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	0.80
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.9	UGL	103.6	(70-130)	
MSD	Perchlorate	25.0	26.9	UGL	107.6	(70-130)	3.8

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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Laboratory
QC Report
#154013

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #283999

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 25	08090507	UGL		(0-0)	
LCS1	Perchlorate	25.0	25	UGL	100.0	(85-115)	
LCS2	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	0.80
LCS3	Perchlorate	4	3.9	UGL	97.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.9	UGL	103.6	(70-130)	
MSD	Perchlorate	25.0	26.9	UGL	107.6	(70-130)	3.8

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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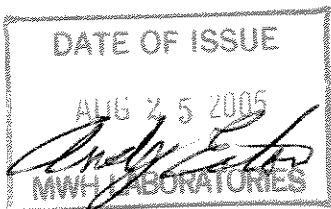
Laboratory Report

for

Kerr McGee Chemical Company - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager



Report#: 154414
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 23 page[s].



154414

MWLABS USE ONLY:

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(626) 386-1100 (800) 566-5227

SAMPLES CHECKED/LOGGED IN BY: [Signature]
SAMPLE TEMP, RECEIPT AT LAB: 49
BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)		SAMPLER COMMENTS
KERRMCGEE-MP Sampler: Michele Brown Susan Crowley (702) 651-2200		Collection Wells Fields - Monthly - SO #12374 Kerr-McGee Chemical LLC PO Box 55 Henderson, NV 89009		Total Cl ₂ , EC				
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP		
7:31	8/9/05		PC-91	RSW	X		X	
6:48	8/9/05		PC-95	RSW	X		X	
6:32	8/9/05		PC-97	RSW	X		X	
			PC-10	RSW	X		X	ABANDONDED
7:46	8/9/05		PC-12	RSW	X		X	
8:23	8/9/05		PC-17	RSW	X		X	
8:42	8/9/05		PC-18	RSW	X		X	
7:30	8/11/05		PC-55	RSW	X		X	
8:09	8/9/05		PC-101R	RSW	X		X	
7:47	8/11/05		L-635	RSW	X		X	
8:17	8/11/05		L-637	RSW	X		X	
			MWK-2	RSW	X		X	

Reported by Weight

SO = Soil
SL = Sludge

Reported by Volume:
CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
RGW = Raw Ground Water
RSW = Raw Surface Water
CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

well dry- no sample taken

REINQUISHED BY: <u>[Signature]</u>	SIGNATURE	PRINT NAME: Michele Brown	COMPANY/TITLE: Veolia Water for Kerr-McGee Chemical LLC	DATE: 8/11/2005	TIME: 1200pm
RECEIVED BY: <u>[Signature]</u>					
REINQUISHED BY: <u>[Signature]</u>					
RECEIVED BY: <u>[Signature]</u>					

SCANNED



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
 (626) 366-1100 (800) 566-5227

MW LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: MW

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES		
KERRMCGEE-MP Collection Wells Fields - Monthly - SO #2374		Kerr-McGee Chemical LLC PO Box 55 Henderson, NV 89009		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)		
SAMPLER: <u>Michelle Brown</u>		IDENTIFIER, STATE ID#		SAMPLER COMMENTS		
Susah Crowley (702) 851-2200		M-83				
		M-87				
		PC-98R				
		PC-86				
		PC-89				
		PC-56				
		PC-58				
		PC-59				
		PC-60				
		PC-62				
		PC-68				
		PC-122				
TIME	DATE	LOCATION	MATRIX	GRAB	COMP	
5:58	8/8/05		RSW	X		
5:45	8/8/05		RSW	X		
9:41	8/10/05		RSW	X		
7:03	8/9/05		RSW	X		
7:14	8/9/05		RSW	X		
9:14	8/8/05		RSW	X		
9:04	8/8/05		RSW	X		
9:33	8/8/05		RSW	X		
9:22	8/8/05		RSW	X		
9:41	8/8/05		RSW	X		
9:52	8/8/05		RSW	X		
10:37	8/9/05		RSW	X		

* MATRIX TYPES:

Reported by Volume:
 CFW = Chlorinated Finished Water
 FW = Other Finished Water

Reported by Weight:
 SO = Soil
 SL = Sludge

CWW = Chlorinated Waste Water
 WW = Other Waste Water
 SW = Storm Water

RELINQUISHED BY: <u>Michelle Brown</u>	SIGNATURE	PRINT NAME: <u>Michelle Brown</u>	COMPANY/TITLE: <u>Veolia Water for Kerr-McGee Chemical LLC</u>	DATE: <u>8/11/2005</u>	TIME: <u>1200pm</u>
RECEIVED BY: <u>Michael Rodriguez</u>					
RELINQUISHED BY:					
RECEIVED BY:					

SCANNED



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HWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: *[Signature]*

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN HAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

KERRMCGEE-MP

Collection Wells Fields - Monthly - SO #12374

Sampler *Michele Brown*

Michele Brown
Kerr-McGee Chemical LLC
PO Box 55
Henderson, NV 89009

Susan Crowley (702) 651-2200

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

(check for yes)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	SAMPLER COMMENTS
10:14	8/9/05		MWK-4	RSW	X		
8:58	8/9/05		ARP-1	RSW	X		
9:10	8/9/05		ARP-2	RSW	X		
9:22	8/9/05		ARP-3	RSW	X		
9:35	8/9/05		ARP-4	RSW	X		
9:48	8/9/05		ARP-5	RSW	X		
9:59	8/9/05		ARP-6A	RSW	X		
8:29	8/10/05		ARP-7	RSW	X		
8:41	8/10/05		PC-53	RSW	X		
9:10	8/10/05		PC-103	RSW	X		
8:53	8/10/05		MWK-5	RSW	X		

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water

RGW = Raw Ground Water
RSW = Raw Surface Water

Reported by Weight:

SO = Soil
SL = Sludge

CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

SIGNATURE

Michele Brown

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water for Kerr-McGee Chemical LLC

TIME

1200pm

DATE

8/11/2005

8-12-05 10:30

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

RECEIVED



MWH Laboratories, a Division of MWH Americas, Inc.
 750 Royal Oaks Avenue Suite 100
 Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Kerr McGee Chemical Company - Henderson Standing

Andrew Eaton..... Your MWL Project Manager
 (626) 386-1125..... Direct Phone/Voice Mail

Client Code KERRMCGEE-MP M Monthly Period
 Project Code CLO4
 PO# / Job# GWREMEDIATION
 Blanket PO

SO# 25288 12374 RS

Sampler: Please Return this Paper with your samples

0 Ship Sample Kits to
 Kerr McGee
 8000 West Lake Mead Drive
 Henderson, NV 89015

Billing Address

Kerr McGee Henderson Plant
 P.O. Box 55
 Henderson, NV 89009

Created by
 Order Date
 07/22/05

Date Needed
 by Client

Date Samples
 to Arrive at MWL

ATTN: Susan Crowley..... ATTN: Susan Crowley.....
 PHONE: 702-651-2234..... PHONE: 702-651-2234.....
 FAX: 702-651-2310..... FAX: 702-651-2310.....

Quote#

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
41	CLO4, EC	1 125ml poly /no preservative		These sites are monthly till further notice.
	SHEET OF LABELS WITH WELL-IDS	see comments section		
				PC-86, PC-89, PC-91, PC-95,
				PC-97, PC-10, PC-12, PC-17,
				PC-18, PC-55, PC-101R
				L-635, L-637
				MW-K2, MW-K4
				ARP-1, ARP-2, ARP-3, ARP-4
				ARP-5, ARP-6, ARP-7, PC-53
				PC-103, MW-K5, M-83
				M-87, PC-98R; PC-56, PC-58;
				PC-59, PC-60, PC-62, PC-68,
				PC-122
				Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on
				EXTRA BOTTLES INCLUDED
				client code changed 7/25/03
				bottle order and IDs updated 9/9/03

ActiveCode Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

SCANNED



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Report
Comments
#154414

Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____



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Laboratory
Hits Report
#154414

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
12-aug-2005 20:10:45

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508120297	PC-91				
08/18/05		Metals digestion performed.	Y		Yes/No	
08/22/05		Perchlorate	15000		ug/l	2000
08/15/05		Specific Conductance	8670		umho/cm	2.0
	2508120298	PC-95				
08/18/05		Metals digestion performed.	Y		Yes/No	
08/22/05		Perchlorate	820		ug/l	40
08/15/05		Specific Conductance	3220		umho/cm	2.0
	2508120299	PC-97				
08/23/05		Perchlorate	2000		ug/l	200
08/15/05		Specific Conductance	3550		umho/cm	2.0
	2508120300	PC-12				
08/18/05		Chromium, Total, ICAP	0.18		mg/l	0.020
08/18/05		Metals digestion performed.	Y		Yes/No	
08/23/05		Perchlorate	66000		ug/l	4000
08/15/05		Specific Conductance	8670		umho/cm	2.0
	2508120301	PC-17				
08/16/05		Chromium, Total, ICAP	0.21		mg/l	0.020
08/22/05		Perchlorate	470000		ug/l	40000
08/15/05		Specific Conductance	12800		umho/cm	2.0
	2508120302	PC-18				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #154414

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 12-aug-2005 20:10:45

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508120302	PC-18				
08/18/05		Chromium, Total, ICAP	0.16		mg/l	0.020
08/18/05		Metals digestion performed.	Y		Yes/No	
08/22/05		Perchlorate	340000		ug/l	40000
08/15/05		Specific Conductance	12900		umho/cm	2.0
	2508120303	PC-55				
08/22/05		Perchlorate	2000		ug/l	800
08/15/05		Specific Conductance	10600		umho/cm	2.0
	2508120304	PC-101R				
08/18/05		Chromium, Total, ICAP	0.10		mg/l	0.020
08/18/05		Metals digestion performed.	Y		Yes/No	
08/23/05		Perchlorate	390000		ug/l	40000
08/15/05		Specific Conductance	13300		umho/cm	2.0
	2508120305	L-635				
08/23/05		Perchlorate	12		ug/l	8.0
08/15/05		Specific Conductance	9610		umho/cm	2.0
	2508120306	L-637				
08/23/05		Perchlorate	21		ug/l	8.0
08/15/05		Specific Conductance	9470		umho/cm	2.0
	2508120307	M-83				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#154414

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
12-aug-2005 20:10:45

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508120307	M-83				
08/16/05			Chromium, Total, ICAP	1.9	mg/l	0.020
08/24/05			Perchlorate	540000	ug/l	40000
08/15/05			Specific Conductance	5250	umho/cm	2.0
	2508120308	M-87				
08/18/05			Chromium, Total, ICAP	1.8	mg/l	0.020
08/18/05			Metals digestion performed.	Y	Yes/No	
08/23/05			Perchlorate	360000	ug/l	20000
08/15/05			Specific Conductance	4060	umho/cm	2.0
	2508120309	PC-98R				
08/16/05			Perchlorate	20000	ug/l	4000
08/15/05			Specific Conductance	8940	umho/cm	2.0
	2508120310	PC-86				
08/18/05			Metals digestion performed.	Y	Yes/No	
08/23/05			Perchlorate	10000	ug/l	2000
08/15/05			Specific Conductance	5270	umho/cm	2.0
	2508120311	PC-89				
08/23/05			Perchlorate	25000	ug/l	4000
08/15/05			Specific Conductance	6060	umho/cm	2.0
	2508120312	PC-56				

SUMMARY OF POSITIVE DATA ONLY.



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Hits Report
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Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
12-aug-2005 20:10:45

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508120312	PC-56				
08/18/05		Chromium, Total, ICAP	0.034		mg/l	0.020
08/18/05		Metals digestion performed.	Y		Yes/No	
08/23/05		Perchlorate	3000		ug/l	2000
08/15/05		Specific Conductance	6120		umho/cm	2.0
	2508120313	PC-58				
08/18/05		Chromium, Total, ICAP	0.098		mg/l	0.020
08/18/05		Metals digestion performed.	Y		Yes/No	
08/23/05		Perchlorate	9000		ug/l	800
08/15/05		Specific Conductance	7240		umho/cm	2.0
	2508120314	PC-59				
08/19/05		Chromium, Total, ICAP	0.043		mg/l	0.020
08/18/05		Metals digestion performed.	Y		Yes/No	
08/23/05		Perchlorate	14000		ug/l	2000
08/15/05		Specific Conductance	5970		umho/cm	2.0
	2508120315	PC-60				
08/19/05		Chromium, Total, ICAP	0.33		mg/l	0.020
08/18/05		Metals digestion performed.	Y		Yes/No	
08/23/05		Perchlorate	21000		ug/l	4000
08/15/05		Specific Conductance	6830		umho/cm	2.0
	2508120316	PC-62				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#154414

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
12-aug-2005 20:10:45

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508120316	PC-62				
08/18/05		Metals digestion performed.	Y		Yes/No	
08/23/05		Perchlorate	6000		ug/l	4000
08/15/05		Specific Conductance	5160		umho/cm	2.0
	2508120317	PC-68				
08/18/05		Metals digestion performed.	Y		Yes/No	
08/23/05		Perchlorate	2000		ug/l	400
08/15/05		Specific Conductance	3380		umho/cm	2.0
	2508120318	PC-122				
08/19/05		Chromium, Total, ICAP	0.055		mg/l	0.020
08/18/05		Metals digestion performed.	Y		Yes/No	
08/23/05		Perchlorate	8000		ug/l	800
08/15/05		Specific Conductance	9910		umho/cm	2.0
	2508120319	MWK-4				
08/16/05		Chromium, Total, ICAP	0.036		mg/l	0.020
08/23/05		Perchlorate	200000		ug/l	20000
08/15/05		Specific Conductance	8270		umho/cm	2.0
	2508120320	ARP-1				
08/23/05		Perchlorate	120		ug/l	8.0
08/15/05		Specific Conductance	8580		umho/cm	2.0
	2508120321	ARP-2				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #154414

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 12-aug-2005 20:10:45

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508120321	ARP-2				
08/19/05		Chromium, Total, ICAP	0.021		mg/l	0.020
08/18/05		Metals digestion performed.	Y		Yes/No	
08/23/05		Perchlorate	5000		ug/l	400
08/15/05		Specific Conductance	10500		umho/cm	2.0
	2508120322	ARP-3				
08/18/05		Metals digestion performed.	Y		Yes/No	
08/24/05		Perchlorate	120000		ug/l	20000
08/15/05		Specific Conductance	12700		umho/cm	2.0
	2508120323	ARP-4				
08/24/05		Perchlorate	47000		ug/l	20000
08/15/05		Specific Conductance	6600		umho/cm	2.0
	2508120324	ARP-5				
08/19/05		Chromium, Total, ICAP	1.0		mg/l	0.020
08/18/05		Metals digestion performed.	Y		Yes/No	
08/24/05		Perchlorate	270000		ug/l	40000
08/15/05		Specific Conductance	9900		umho/cm	2.0
	2508120325	ARP-6A				
08/19/05		Chromium, Total, ICAP	0.16		mg/l	0.020
08/18/05		Metals digestion performed.	Y		Yes/No	
08/24/05		Perchlorate	35000		ug/l	2000

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#154414

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
12-aug-2005 20:10:45

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508120325	ARP-6A				
08/15/05	Specific Conductance		11800		umho/cm	2.0
	2508120326	ARP-7				
08/19/05	Chromium, Total, ICAP		0.021		mg/l	0.020
08/18/05	Metals digestion performed.		Y		Yes/No	
08/24/05	Perchlorate		6000		ug/l	800
08/15/05	Specific Conductance		5280		umho/cm	2.0
	2508120327	PC-53				
08/24/05	Perchlorate		2000		ug/l	400
08/15/05	Specific Conductance		4990		umho/cm	2.0
	2508120328	PC-103				
08/19/05	Chromium, Total, ICAP		0.024		mg/l	0.020
08/18/05	Metals digestion performed.		Y		Yes/No	
08/24/05	Perchlorate		2000		ug/l	200
08/15/05	Specific Conductance		6060		umho/cm	2.0
	2508120329	MWK-5				
08/19/05	Chromium, Total, ICAP		0.027		mg/l	0.020
08/18/05	Metals digestion performed.		Y		Yes/No	
08/24/05	Perchlorate		25000		ug/l	4000
08/17/05	Specific Conductance		8610		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Data Report
#154414

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received

08/12/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-91 (2508120297) Sampled on 08/09/05 07:31								
	08/22/05 19:05	284003	(EPA 314)	Perchlorate	15000	ug/l	2000	500
	08/18/05 23:06	283604	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 14:38	283042	(2510B/ SW9050)	Specific Conductance	8670	umho/cm	2.0	1
PC-95 (2508120298) Sampled on 08/09/05 06:48								
	08/22/05 19:22	284003	(EPA 314)	Perchlorate	820	ug/l	40	10
	08/18/05 23:10	283604	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 14:38	283042	(2510B/ SW9050)	Specific Conductance	3220	umho/cm	2.0	1
PC-97 (2508120299) Sampled on 08/09/05 06:32								
	08/23/05 15:03	284317	(EPA 314)	Perchlorate	2000	ug/l	200	50
	08/16/05 05:48	283159	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/15/05 14:54	283043	(2510B/ SW9050)	Specific Conductance	3550	umho/cm	2.0	1
PC-12 (2508120300) Sampled on 08/09/05 07:46								
	08/23/05 15:20	284317	(EPA 314)	Perchlorate	66000	ug/l	4000	1000
	08/18/05 23:13	283604	(MWH200.7/6010B)	Chromium, Total, ICAP	0.18	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 14:54	283043	(2510B/ SW9050)	Specific Conductance	8670	umho/cm	2.0	1
PC-17 (2508120301) Sampled on 08/09/05 08:23								
	08/22/05 20:13	284003	(EPA 314)	Perchlorate	470000	ug/l	40000	10000
	08/16/05 05:31	283159	(MWH200.7/6010B)	Chromium, Total, ICAP	0.21	mg/l	0.020	2
	08/15/05 14:54	283043	(2510B/ SW9050)	Specific Conductance	12800	umho/cm	2.0	1



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Kerr McGee Chemical Company -
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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-18 (2508120302) Sampled on 08/09/05 08:42								
	08/22/05 20:30	284003	(EPA 314)	Perchlorate	340000	ug/l	40000	10000
	08/18/05 23:34	283604	(MWH200.7/6010B)	Chromium, Total, ICAP	0.16	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 14:54	283043	(2510B/ SW9050)	Specific Conductance	12900	umho/cm	2.0	1
PC-55 (2508120303) Sampled on 08/11/05 07:30								
	08/22/05 20:47	284003	(EPA 314)	Perchlorate	2000	ug/l	800	200
	08/16/05 06:20	283159	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.10	10
	08/15/05 14:54	283043	(2510B/ SW9050)	Specific Conductance	10600	umho/cm	2.0	1
PC-101R (2508120304) Sampled on 08/09/05 08:09								
	08/23/05 15:37	284317	(EPA 314)	Perchlorate	390000	ug/l	40000	10000
	08/18/05 23:37	283604	(MWH200.7/6010B)	Chromium, Total, ICAP	0.10	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 14:54	283043	(2510B/ SW9050)	Specific Conductance	13300	umho/cm	2.0	1
L-635 (2508120305) Sampled on 08/11/05 07:47								
	08/23/05 16:45	284317	(EPA 314)	Perchlorate	12	ug/l	8.0	2
	08/16/05 06:24	283159	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.10	10
	08/15/05 14:54	283043	(2510B/ SW9050)	Specific Conductance	9610	umho/cm	2.0	1
L-637 (2508120306) Sampled on 08/11/05 08:17								
	08/23/05 17:02	284317	(EPA 314)	Perchlorate	21	ug/l	8.0	2
	08/16/05 06:16	283159	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.10	10
	08/15/05 14:54	283043	(2510B/ SW9050)	Specific Conductance	9470	umho/cm	2.0	1
M-83 (2508120307) Sampled on 08/08/05 05:58								
	08/24/05 14:44	284318	(EPA 314)	Perchlorate	540000	ug/l	40000	10000
	08/16/05 05:36	283159	(MWH200.7/6010B)	Chromium, Total, ICAP	1.9	mg/l	0.020	2
	08/15/05 14:54	283043	(2510B/ SW9050)	Specific Conductance	5250	umho/cm	2.0	1



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Kerr McGee Chemical Company -
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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-87 (2508120308)		Sampled on 08/08/05 05:45						
	08/23/05 17:36	284317	(EPA 314)	Perchlorate	360000	ug/l	20000	5000
	08/18/05 23:42	283604	(MWH200.7/6010B)	Chromium, Total, ICAP	1.8	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 14:54	283043	(2510B/ SW9050)	Specific Conductance	4060	umho/cm	2.0	1
PC-98R (2508120309)		Sampled on 08/10/05 09:41						
	08/16/05 13:50	283381	(EPA 314)	Perchlorate	20000	ug/l	4000	1000
	08/16/05 05:27	283159	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/15/05 15:09	283044	(2510B/ SW9050)	Specific Conductance	8940	umho/cm	2.0	1
PC-86 (2508120310)		Sampled on 08/09/05 07:03						
	08/23/05 17:53	284317	(EPA 314)	Perchlorate	10000	ug/l	2000	500
	08/18/05 23:46	283604	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 15:09	283044	(2510B/ SW9050)	Specific Conductance	5270	umho/cm	2.0	1
PC-89 (2508120311)		Sampled on 08/09/05 07:14						
	08/23/05 18:10	284317	(EPA 314)	Perchlorate	25000	ug/l	4000	1000
	08/16/05 05:04	283159	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/15/05 15:09	283044	(2510B/ SW9050)	Specific Conductance	6060	umho/cm	2.0	1
PC-56 (2508120312)		Sampled on 08/08/05 09:14						
	08/23/05 18:44	284317	(EPA 314)	Perchlorate	3000	ug/l	2000	500
	08/18/05 23:50	283604	(MWH200.7/6010B)	Chromium, Total, ICAP	0.034	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 15:09	283044	(2510B/ SW9050)	Specific Conductance	6120	umho/cm	2.0	1



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Kerr McGee Chemical Company -
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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-58 (2508120313) Sampled on 08/08/05 09:04								
	08/23/05 19:01	284317	(EPA 314)	Perchlorate	9000	ug/l	800	200
	08/18/05 23:54	283604	(MWH200.7/6010B)	Chromium, Total, ICAP	0.098	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 15:09	283044	(2510B/ SW9050)	Specific Conductance	7240	umho/cm	2.0	1
PC-59 (2508120314) Sampled on 08/08/05 09:33								
	08/23/05 19:18	284317	(EPA 314)	Perchlorate	14000	ug/l	2000	500
	08/19/05 01:31	283605	(MWH200.7/6010B)	Chromium, Total, ICAP	0.043	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 15:09	283044	(2510B/ SW9050)	Specific Conductance	5970	umho/cm	2.0	1
PC-60 (2508120315) Sampled on 08/08/05 09:22								
	08/23/05 19:35	284317	(EPA 314)	Perchlorate	21000	ug/l	4000	1000
	08/19/05 00:49	283605	(MWH200.7/6010B)	Chromium, Total, ICAP	0.33	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 15:09	283044	(2510B/ SW9050)	Specific Conductance	6830	umho/cm	2.0	1
PC-62 (2508120316) Sampled on 08/08/05 09:41								
	08/23/05 19:52	284317	(EPA 314)	Perchlorate	6000	ug/l	4000	1000
	08/19/05 00:52	283605	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 15:09	283044	(2510B/ SW9050)	Specific Conductance	5160	umho/cm	2.0	1
PC-68 (2508120317) Sampled on 08/08/05 09:52								
	08/23/05 20:09	284317	(EPA 314)	Perchlorate	2000	ug/l	400	100
	08/19/05 00:56	283605	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 15:09	283044	(2510B/ SW9050)	Specific Conductance	3380	umho/cm	2.0	1



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Kerr McGee Chemical Company -
Henderson
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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-122 (2508120318) Sampled on 08/09/05 10:37								
	08/23/05 20:26	284317	(EPA 314)	Perchlorate	8000	ug/l	800	200
	08/19/05 01:00	283605	(MWH200.7/6010B)	Chromium, Total, ICAP	0.055	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 15:09	283044	(2510B/ SW9050)	Specific Conductance	9910	umho/cm	2.0	1
MWK-4 (2508120319) Sampled on 08/09/05 10:14								
	08/23/05 20:43	284317	(EPA 314)	Perchlorate	200000	ug/l	20000	5000
	08/16/05 05:23	283159	(MWH200.7/6010B)	Chromium, Total, ICAP	0.036	mg/l	0.020	2
	08/15/05 15:25	283045	(2510B/ SW9050)	Specific Conductance	8270	umho/cm	2.0	1
ARP-1 (2508120320) Sampled on 08/09/05 08:58								
	08/23/05 21:00	284317	(EPA 314)	Perchlorate	120	ug/l	8.0	2
	08/16/05 05:43	283159	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/15/05 15:25	283045	(2510B/ SW9050)	Specific Conductance	8580	umho/cm	2.0	1
ARP-2 (2508120321) Sampled on 08/09/05 09:10								
	08/23/05 21:17	284317	(EPA 314)	Perchlorate	5000	ug/l	400	100
	08/19/05 01:03	283605	(MWH200.7/6010B)	Chromium, Total, ICAP	0.021	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 15:25	283045	(2510B/ SW9050)	Specific Conductance	10500	umho/cm	2.0	1
ARP-3 (2508120322) Sampled on 08/09/05 09:22								
	08/24/05 13:36	284318	(EPA 314)	Perchlorate	120000	ug/l	20000	5000
	08/19/05 01:07	283605	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 15:25	283045	(2510B/ SW9050)	Specific Conductance	12700	umho/cm	2.0	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ARP-4 (2508120323) Sampled on 08/09/05 09:35								
	08/24/05 13:53	284318	(EPA 314)	Perchlorate	47000	ug/l	20000	5000
	08/16/05 05:19	283159	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/15/05 15:25	283045	(2510B/ SW9050)	Specific Conductance	6600	umho/cm	2.0	1
ARP-5 (2508120324) Sampled on 08/09/05 09:48								
	08/24/05 14:10	284318	(EPA 314)	Perchlorate	270000	ug/l	40000	10000
	08/19/05 01:28	283605	(MWH200.7/6010B)	Chromium, Total, ICAP	1.0	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 15:25	283045	(2510B/ SW9050)	Specific Conductance	9900	umho/cm	2.0	1
ARP-6A (2508120325) Sampled on 08/09/05 09:59								
	08/24/05 14:27	284318	(EPA 314)	Perchlorate	35000	ug/l	2000	500
	08/19/05 01:42	283605	(MWH200.7/6010B)	Chromium, Total, ICAP	0.16	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 15:25	283045	(2510B/ SW9050)	Specific Conductance	11800	umho/cm	2.0	1
ARP-7 (2508120326) Sampled on 08/10/05 08:29								
	08/24/05 15:01	284318	(EPA 314)	Perchlorate	6000	ug/l	800	200
	08/19/05 00:41	283605	(MWH200.7/6010B)	Chromium, Total, ICAP	0.021	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 15:25	283045	(2510B/ SW9050)	Specific Conductance	5280	umho/cm	2.0	1
PC-53 (2508120327) Sampled on 08/10/05 08:41								
	08/24/05 15:18	284318	(EPA 314)	Perchlorate	2000	ug/l	400	100
	08/16/05 04:07	283158	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/15/05 15:25	283045	(2510B/ SW9050)	Specific Conductance	4990	umho/cm	2.0	1



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Kerr McGee Chemical Company -
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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-103 (2508120328)		Sampled on 08/10/05 09:10						
	08/24/05 15:35	284318	(EPA 314)	Perchlorate	2000	ug/l	200	50
	08/19/05 01:35	283605	(MWH200.7/6010B)	Chromium, Total, ICAP	0.024	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/15/05 15:25	283045	(2510B/ SW9050)	Specific Conductance	6060	umho/cm	2.0	1
MWK-5 (2508120329)		Sampled on 08/10/05 08:53						
	08/24/05 16:09	284318	(EPA 314)	Perchlorate	25000	ug/l	4000	1000
	08/19/05 01:39	283605	(MWH200.7/6010B)	Chromium, Total, ICAP	0.027	mg/l	0.020	2
	08/18/05 11:39		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0.0000	1
	08/17/05 14:09	283369	(2510B/ SW9050)	Specific Conductance	8610	umho/cm	2.0	1



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Kerr McGee Chemical Company -
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QC Ref #283042 - Specific Conductance

Analysis Date: 08/15/2005

2508120297 PC-91
2508120298 PC-95

Analyzed by: sar
Analyzed by: sar

QC Ref #283043 - Specific Conductance

Analysis Date: 08/15/2005

2508120299 PC-97
2508120300 PC-12
2508120301 PC-17
2508120302 PC-18
2508120303 PC-55
2508120304 PC-101R
2508120305 L-635
2508120306 L-637
2508120307 M-83
2508120308 M-87

Analyzed by: sar
Analyzed by: sar
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Analyzed by: sar
Analyzed by: sar
Analyzed by: sar

QC Ref #283044 - Specific Conductance

Analysis Date: 08/15/2005

2508120309 PC-98R
2508120310 PC-86
2508120311 PC-89
2508120312 PC-56
2508120313 PC-58
2508120314 PC-59
2508120315 PC-60
2508120316 PC-62
2508120317 PC-68
2508120318 PC-122

Analyzed by: sar
Analyzed by: sar
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Analyzed by: sar
Analyzed by: sar

QC Ref #283045 - Specific Conductance

Analysis Date: 08/15/2005

2508120319 MWK-4
2508120320 ARP-1
2508120321 ARP-2
2508120322 ARP-3
2508120323 ARP-4
2508120324 ARP-5
2508120325 ARP-6A
2508120326 ARP-7

Analyzed by: sar
Analyzed by: sar
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2508120327	PC-53	Analyzed by: sar
2508120328	PC-103	Analyzed by: sar

QC Ref #283158 - Chromium, Total, ICAP

Analysis Date: 08/16/2005

2508120327	PC-53	Analyzed by: wbh
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QC Ref #283159 - Chromium, Total, ICAP

Analysis Date: 08/16/2005

2508120299	PC-97	Analyzed by: wbh
2508120301	PC-17	Analyzed by: wbh
2508120303	PC-55	Analyzed by: wbh
2508120305	L-635	Analyzed by: wbh
2508120306	L-637	Analyzed by: wbh
2508120307	M-83	Analyzed by: wbh
2508120309	PC-98R	Analyzed by: wbh
2508120311	PC-89	Analyzed by: wbh
2508120319	MWK-4	Analyzed by: wbh
2508120320	ARP-1	Analyzed by: wbh
2508120323	ARP-4	Analyzed by: wbh

QC Ref #283369 - Specific Conductance

Analysis Date: 08/17/2005

2508120329	MWK-5	Analyzed by: sar
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QC Ref #283381 - Perchlorate

Analysis Date: 08/16/2005

2508120309	PC-98R	Analyzed by: bxs
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QC Ref #283604 - Chromium, Total, ICAP

Analysis Date: 08/18/2005

2508120297	PC-91	Analyzed by: wbh
2508120298	PC-95	Analyzed by: wbh
2508120300	PC-12	Analyzed by: wbh
2508120302	PC-18	Analyzed by: wbh
2508120304	PC-101R	Analyzed by: wbh
2508120308	M-87	Analyzed by: wbh
2508120310	PC-86	Analyzed by: wbh



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2508120312	PC-56	Analyzed by: wbh
2508120313	PC-58	Analyzed by: wbh

QC Ref #283605 - Chromium, Total, ICAP

Analysis Date: 08/19/2005

2508120314	PC-59	Analyzed by: wbh
2508120315	PC-60	Analyzed by: wbh
2508120316	PC-62	Analyzed by: wbh
2508120317	PC-68	Analyzed by: wbh
2508120318	PC-122	Analyzed by: wbh
2508120321	ARP-2	Analyzed by: wbh
2508120322	ARP-3	Analyzed by: wbh
2508120324	ARP-5	Analyzed by: wbh
2508120325	ARP-6A	Analyzed by: wbh
2508120326	ARP-7	Analyzed by: wbh
2508120328	PC-103	Analyzed by: wbh
2508120329	MWK-5	Analyzed by: wbh

QC Ref #284003 - Perchlorate

Analysis Date: 08/22/2005

2508120297	PC-91	Analyzed by: bxs
2508120298	PC-95	Analyzed by: bxs
2508120301	PC-17	Analyzed by: bxs
2508120302	PC-18	Analyzed by: bxs
2508120303	PC-55	Analyzed by: bxs

QC Ref #284317 - Perchlorate

Analysis Date: 08/23/2005

2508120299	PC-97	Analyzed by: bxs
2508120300	PC-12	Analyzed by: bxs
2508120304	PC-101R	Analyzed by: bxs
2508120305	L-635	Analyzed by: bxs
2508120306	L-637	Analyzed by: bxs
2508120308	M-87	Analyzed by: bxs
2508120310	PC-86	Analyzed by: bxs
2508120311	PC-89	Analyzed by: bxs
2508120312	PC-56	Analyzed by: bxs
2508120313	PC-58	Analyzed by: bxs
2508120314	PC-59	Analyzed by: bxs
2508120315	PC-60	Analyzed by: bxs



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750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3829
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory
QC Summary
#154414

Kerr McGee Chemical Company -
Henderson
(continued)

2508120316	PC-62	Analyzed by: bxs
2508120317	PC-68	Analyzed by: bxs
2508120318	PC-122	Analyzed by: bxs
2508120319	MWK-4	Analyzed by: bxs
2508120320	ARP-1	Analyzed by: bxs
2508120321	ARP-2	Analyzed by: bxs

QC Ref #284318 - Perchlorate

Analysis Date: 08/24/2005

2508120307	M-83	Analyzed by: bxs
2508120322	ARP-3	Analyzed by: bxs
2508120323	ARP-4	Analyzed by: bxs
2508120324	ARP-5	Analyzed by: bxs
2508120325	ARP-6A	Analyzed by: bxs
2508120326	ARP-7	Analyzed by: bxs
2508120327	PC-53	Analyzed by: bxs
2508120328	PC-103	Analyzed by: bxs
2508120329	MWK-5	Analyzed by: bxs



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Laboratory
QC Report
#154414

Kerr McGee Chemical Company -
Henderson

QC Ref #283042 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	3220	3210	UMHO		(0-20)	0.3

QC Ref #283043 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	4060	4070	UMHO		(0-20)	0.2

QC Ref #283044 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	9910	10000	UMHO		(0-20)	0.9

QC Ref #283045 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6060	6130	UMHO		(0-20)	1.1

QC Ref #283158 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.982	MGL	98.2	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.979	MGL	97.9	(85-115)	0.31
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.98	MGL	98.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.978	MGL	97.8	(70-130)	0.20

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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Laboratory
QC Report
#154414

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #283159 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.972	MGL	97.2	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.972	MGL	97.2	(85-115)	0.00
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.983	MGL	98.3	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.99	MGL	99.0	(70-130)	0.71

QC Ref #283369 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	8610	8650	UMHO		(0-20)	0.5

QC Ref #283381 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS2	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	1.2
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.4	UGL	97.6	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	1.2

QC Ref #283604 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.923	MGL	92.3	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.934	MGL	93.4	(85-115)	1.2
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.935	MGL	93.5	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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Laboratory
QC Report
#154414

Kerr McGee Chemical Company -
Henderson
(continued)

MSD	Chromium, Total, ICAP	1.00	0.927	MGL	92.7	(70-130)	0.86
-----	-----------------------	------	-------	-----	------	------------	------

QC Ref #283605 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.925	MGL	92.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.949	MGL	94.9	(85-115)	2.6
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.944	MGL	94.4	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.918	MGL	91.8	(70-130)	2.8

QC Ref #284003 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.1	UGL	100.4	(85-115)	
LCS2	Perchlorate	25.0	24.9	UGL	99.6	(85-115)	0.80
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.3	UGL	101.2	(70-130)	
MSD	Perchlorate	25.0	25.3	UGL	101.2	(70-130)	0.00

QC Ref #284317 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
LCS2	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	0.41
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.9	UGL	95.6	(70-130)	
MSD	Perchlorate	25.0	23.7	UGL	94.8	(70-130)	0.84

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Laboratory
QC Report
#154414

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #284318

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS2	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	1.6
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.8	UGL	99.2	(70-130)	
MSD	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	2.0

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1 800 566 LABS (1 800 566 5227)

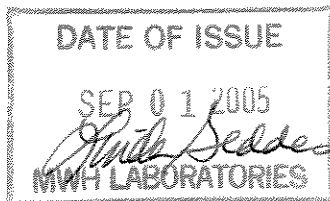
Laboratory Report

for

Kerr McGee Chemical Company - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager

Report#: 154669
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 12 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

1544669

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 366-1100 (800) 566-5227

MVLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: *WJ*

SAMPLE TEMP, RECEIPT AT LAB: *5C*

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP PROJECT JOB # / P.O.#: [] (check for yes)

Analyses Required (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	Total Cl ₂	FC	Total Chrome	SAMPLER COMMENTS
0530	8/15/05		ART-1	RSW	X		X	X		SBO - 12373 & 18787
0630	8/15/05		ART-2	RSW	X		X	X		
0630	8/15/05		ART-3	RSW	X		X	X		
0630	8/15/05		ART-4	RSW	X		X	X		
0630	8/15/05		ART-5	RSW	X		X	X		
0630	8/15/05		ART-6	RSW	X		X	X		
0630	8/15/05		ART-7	RSW	X		X	X		
0630	8/15/05		ART-8	RSW	X		X	X		
0600	8/15/05		PC-99R2/R3	RSW	X		X	X		
0600	8/15/05		PC-115R	RSW	X		X	X		
0600	8/15/05		PC-116R	RSW	X		X	X		
0600	8/15/05		Seep Surface Flow	RSW	X		X	X		

* MATRIX TYPES: Reported by Volume: CFW = Chlorinated Finished Water, FW = Other Finished Water, RGW = Raw Ground Water, RSW = Raw Surface Water, CW = Chlorinated Waste Water, WW = Other Waste Water, SW = Storm Water, Reported by Weight: SO = Soil, SL = Sludge

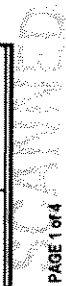
RELINQUISHED BY: *Michele Brown* SIGNATURE: *Michele Brown* PRINT NAME: Michele Brown

RECEIVED BY: *Michele Brown* COMPANY/TITLE: Veolia Water for Kerr McGee

RELINQUISHED BY: *Michele Brown* SIGNATURE: *Michele Brown* PRINT NAME: Michele Brown

RECEIVED BY: *Michele Brown* COMPANY/TITLE: Veolia Water for Kerr McGee

DATE: 8/15/2005 TIME: 12:00pm





MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

MVLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: [Signature]

SAMPLE TEMP, RECEIPT AT LAB: 30

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#
 KERRMCGEE-MP Collection Wells Fields - Monthly - SO #12173
 Sampler Signature: Michele Brown Michele Brown
 Susan Crowley (702) 651-2200 Kerr-McGee Chemical LLC
 PO Box 55 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

(check for yes)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	Total ClO ₂	FC	Total Chrome	SAMPLER COMMENTS
6:00	8/15/05		SF-1	RSW	X		X			
6:00	8/15/05		PC-117	RSW	X		X			
6:00	8/15/05		PC-118	RSW	X		X			
6:00	8/15/05		PC-119	RSW	X		X			
6:00	8/15/05		PC-120	RSW	X		X			
6:00	8/15/05		PC-121	RSW	X		X			
6:00	8/15/05		PC-133	RSW	X		X			

* MATRIX TYPES:

Reported by Volume:
CFW = Chlor/aminated Finished Water
FW = Other Finished Water

RGW = Raw Ground Water
RSW = Raw Surface Water

CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

Reported by Weight:
SO = Soil
SL = Sludge

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RELINQUISHED BY: Michele Brown
 RECEIVED BY: [Signature]
 RELINQUISHED BY: Michael Padhyar
 RECEIVED BY: [Signature]

Michele Brown

Vecilla Water for Kerr McGee

8/15/2005 12:00pm



MWH Laboratories, a Division of MWH Americas, Inc.
750 Royal Oaks Avenue Suite 100
Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Kerr McGee Chemical Company - Henderson
Standing

Andrew Eaton Your MWL Project Manager
(626) 386-1125 Direct Phone/Voice Mail

Client Code KERRMCGEE-MP
Project Code CLO4
PO# / Job# GWREMEDIATION
Blanket PO

SO# 25099 12373 RS

Sampler: Please Return this Paper with your samples

Created by EEF

Order Date

07/11/05

Date Needed by Client

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to

Kerr McGee Henderson Plant
P.O. Box 55
Henderson, NV 89009

Billing Address

KMCLLC
attn: Contract 304280
P.O. Box 3049
Livonia, MI 48150

ATTN: Susan Crowley
PHONE: 702-651-2234

ATTN: Susan Crowley
PHONE: 702-651-2234
FAX: 702-651-2310

Quote#

EEF

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
30	CLO4, EC	1 125ml poly /no preservative	-	These sites are weekly through end of 2003
-	SHEET OF LABELS WITH WELL-IDS	see comments section	-	PC-117, PC-118, PC-119, PC-120, and PC-121
-			-	PC-116R
-			-	PC-99R2
-			-	PC-99R3
-			-	PC-115R
-			-	ART-1
-			-	ART-2
-			-	ART-3
-			-	ART-4
-			-	ART-5
-			-	ART-6
-			-	ART-7
-			-	ART-8
-			-	Seep Surface Flow
-			-	SF-1"
-			-	Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on
-			-	EXTRA BOTTLES INCLUDED
-			-	client code changed 7/25/03

ActiveCode

Status

Date Shipped

Carrier

Qty of Coolers

Tracking Number

Prepared By

SCANNED

THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 141499

RECEIVED subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading.

From: KERR-McGEE CHEMICAL CORPORATION

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said Carrier (the word Carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another Carrier on the route to said destination. It is mutually agreed, as to each Carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

CARRIER Federal Express		Date 8/15/05	FROM NO. STATION: STATE Henderson, NV 89015
MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400		Authorization S.CROWLEY	
FREIGHT CHARGES xx <input type="checkbox"/> Prepaid <input type="checkbox"/> Collect	CUSTOMER PO OR REQ'N NO.		FULL NAME OF SHIPPER KERR-McGEE CHEMICAL LLC
N/AR	SHIPPED FROM Henderson, NV		CODE NO. WCN IF 1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Monthly PC, ARP Well Samples Not Regulated		1 COOLER
			Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, the Consignor shall sign the following statement: The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. KERR-McGEE CHEMICAL LLC
			The description and weight indicated on this Bill of Lading are correct. Subject to verification by the Governing Weighing and Inspection Bureau according to Agreement.
TRUCK SHIPMENTS		FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300 483-7616 IN DISTRICT OF COLUMBIA 202-483-7616 FROM OUTSIDE THE CONTINENTAL US.	
PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
1	TOTAL GROSS WEIGHT 20	TOTAL TARE WEIGHT 0	20
NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per			"Shippers imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission"

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

KERR-McGEE CHEMICAL LLC Shipper permanent post office address of shipper, Oklahoma City, OK 73125	PER Olga Maestas	AGENT	PER
--	----------------------------	-------	-----

From: Origin ID: (702)651-2220
KERR-MCGEE CHEMICAL
KERR-MCGEE CHEMICAL
8000 LAKE MEAD DRIVE
SHIPPING DEPARTMENT
HENDERSON, NV 89015



Ship Date: 15AUG05
Actual Wgt: 20 LB
System#: 2274147/INET2200
Account#: S *****

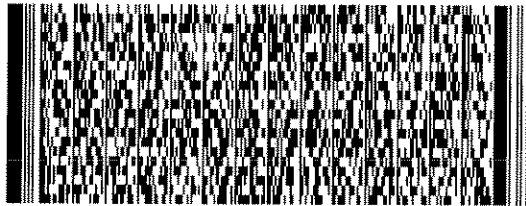
REF: MSO# 141499



Delivery Address Bar Code

SHIP TO: (626)568-6400 **BILL SENDER**
ATTN: MONTGOMERY LABS RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS AVENUE
#100
MONROVIA, CA 91016

CL5061303/09/13



PRIORITY OVERNIGHT

TUE

TRK# 7911 7106 4401

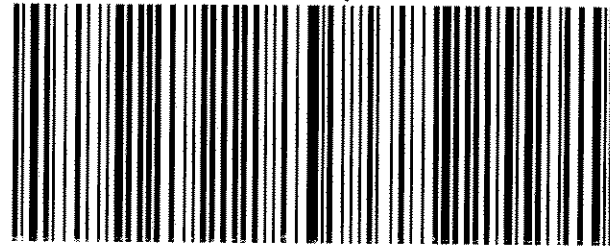
FORM 0201

Deliver By:
16AUG05

BUR A2

91016 -CA-US

QZ WHPA



SCANNED

Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

MWH Laboratories
 750 Royal Oaks Drive, Monrovia, CA 91016
 PHONE: 626-386-1100/FAX: 626-386-1101

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Kerr McGee Chemical Company - Henderson	Customer Code: KERRMCGEE-MP
PO Box 55	PO#: Susan Crowley PO
Henderson, NV 89009	Group#: 154669
Attn: Susan Crowley	Project#: CLO4
Phone: 702-651-2234	Proj Mgr: Andrew Eaton
	Phone: (626) 386-1125

The following samples were received from you on **08/16/05**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2508170058	ART-1	CLO4 EC	Water	15-aug-2005 05:30:00
2508170059	ART-2	CLO4 EC	Water	15-aug-2005 05:30:00
2508170060	ART-3	CLO4 EC	Water	15-aug-2005 05:30:00
2508170061	ART-4	CLO4 EC	Water	15-aug-2005 05:30:00
2508170062	ART-5	CLO4 EC	Water	15-aug-2005 05:30:00
2508170063	ART-6	CLO4 EC	Water	15-aug-2005 05:30:00
2508170064	ART-7	CLO4 EC	Water	15-aug-2005 05:30:00
2508170065	ART-8	CLO4 EC	Water	15-aug-2005 05:30:00
2508170066	PC-99R2/R3	CLO4 EC	Water	15-aug-2005 06:00:00
2508170067	PC-115R	CLO4 EC	Water	15-aug-2005 06:00:00
2508170068	PC-116R	CLO4 EC	Water	15-aug-2005 06:00:00
2508170069	SEEP SURFACE FLOW	CLO4 EC	Water	15-aug-2005 06:00:00
2508170070	SF-1	CLO4 EC	Water	15-aug-2005 06:00:00
2508170071	PC-117	CLO4 EC	Water	15-aug-2005 06:00:00
2508170072	PC-118	CLO4 EC	Water	15-aug-2005 06:00:00
2508170073	PC-119	CLO4 EC	Water	15-aug-2005 06:00:00
2508170074	PC-120	CLO4 EC	Water	15-aug-2005 06:00:00

Kerr McGee Chemical Company - Henderson

PO Box 55

Henderson, NV 89009

Attn: Susan Crowley

Phone: 702-651-2234

Customer Code: KERRMCGEE-MP

PO#: Susan Crowley PO

Group#: 154669

Project#: CLO4

Proj Mgr: Andrew Eaton

Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2508170075	PC-121	CLO4 EC	Water	15-aug-2005 06:00:00
2508170076	PC-133	CLO4 EC	Water	15-aug-2005 06:00:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
EC	Specific Conductance



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Report
Comments
#154669

Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____



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Laboratory
Hits Report
#154669

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
16-aug-2005 10:00:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508170058	ART-1				
08/25/05	Perchlorate		210		ug/l	20
08/17/05	Specific Conductance		9650		umho/cm	2.0
	2508170059	ART-2				
08/25/05	Perchlorate		170000		ug/l	20000
08/17/05	Specific Conductance		12300		umho/cm	2.0
	2508170060	ART-3				
08/25/05	Perchlorate		460000		ug/l	40000
08/17/05	Specific Conductance		9420		umho/cm	2.0
	2508170061	ART-4				
08/25/05	Perchlorate		420000		ug/l	40000
08/17/05	Specific Conductance		7080		umho/cm	2.0
	2508170062	ART-5				
08/25/05	Perchlorate		120000		ug/l	20000
08/17/05	Specific Conductance		10700		umho/cm	2.0
	2508170063	ART-6				
08/25/05	Perchlorate		270000		ug/l	20000
08/17/05	Specific Conductance		7800		umho/cm	2.0
	2508170064	ART-7				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#154669

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
16-aug-2005 10:00:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508170064	ART-7				
08/25/05	Perchlorate		160000		ug/l	20000
08/17/05	Specific Conductance		11200		umho/cm	2.0
	2508170065	ART-8				
08/25/05	Perchlorate		400000		ug/l	40000
08/17/05	Specific Conductance		11600		umho/cm	2.0
	2508170066	PC-99R2/R3				
08/25/05	Perchlorate		15000		ug/l	2000
08/17/05	Specific Conductance		5390		umho/cm	2.0
	2508170067	PC-115R				
08/25/05	Perchlorate		18000		ug/l	2000
08/17/05	Specific Conductance		5360		umho/cm	2.0
	2508170068	PC-116R				
08/25/05	Perchlorate		15000		ug/l	2000
08/17/05	Specific Conductance		5800		umho/cm	2.0
	2508170069	SEEP SURFACE FLOW				
08/26/05	Perchlorate		6000		ug/l	800
08/17/05	Specific Conductance		4980		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #154669

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 16-aug-2005 10:00:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508170070	SF-1				
	2508170070	SF-1				
08/26/05	Perchlorate		7.4		ug/l	4.0
08/17/05	Specific Conductance		4000		umho/cm	2.0
	2508170071	PC-117				
08/26/05	Perchlorate		14000		ug/l	2000
08/17/05	Specific Conductance		6010		umho/cm	2.0
	2508170072	PC-118				
08/26/05	Perchlorate		24000		ug/l	2000
08/17/05	Specific Conductance		6160		umho/cm	2.0
	2508170073	PC-119				
08/26/05	Perchlorate		22000		ug/l	2000
08/17/05	Specific Conductance		6370		umho/cm	2.0
	2508170074	PC-120				
08/26/05	Perchlorate		13000		ug/l	2000
08/17/05	Specific Conductance		5560		umho/cm	2.0
	2508170075	PC-121				
08/26/05	Perchlorate		5000		ug/l	2000

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#154669

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
16-aug-2005 10:00:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508170075	PC-121				
08/17/05	Specific Conductance		4460		umho/cm	2.0
	2508170076	PC-133				
08/26/05	Perchlorate		16000		ug/l	2000
08/17/05	Specific Conductance		6130		umho/cm	2.0



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Laboratory
Data Report
#154669

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
08/16/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2508170058) Sampled on 08/15/05 05:30								
	08/25/05 00:00	284989	(EPA 314	) Perchlorate	210	ug/l	20	5
	08/17/05 14:25	283371	(2510B/ SW9050	) Specific Conductance	9650	umho/cm	2.0	1
ART-2 (2508170059) Sampled on 08/15/05 05:30								
	08/25/05 00:00	284989	(EPA 314	) Perchlorate	170000	ug/l	20000	5000
	08/17/05 14:25	283371	(2510B/ SW9050	) Specific Conductance	12300	umho/cm	2.0	1
ART-3 (2508170060) Sampled on 08/15/05 05:30								
	08/25/05 00:00	284989	(EPA 314	) Perchlorate	460000	ug/l	40000	10000
	08/17/05 14:25	283371	(2510B/ SW9050	) Specific Conductance	9420	umho/cm	2.0	1
ART-4 (2508170061) Sampled on 08/15/05 05:30								
	08/25/05 00:00	284989	(EPA 314	) Perchlorate	420000	ug/l	40000	10000
	08/17/05 14:25	283371	(2510B/ SW9050	) Specific Conductance	7080	umho/cm	2.0	1
ART-5 (2508170062) Sampled on 08/15/05 05:30								
	08/25/05 00:00	284989	(EPA 314	) Perchlorate	120000	ug/l	20000	5000
	08/17/05 14:25	283371	(2510B/ SW9050	) Specific Conductance	10700	umho/cm	2.0	1
ART-6 (2508170063) Sampled on 08/15/05 05:30								
	08/25/05 00:00	284989	(EPA 314	) Perchlorate	270000	ug/l	20000	5000
	08/17/05 14:25	283371	(2510B/ SW9050	) Specific Conductance	7800	umho/cm	2.0	1
ART-7 (2508170064) Sampled on 08/15/05 05:30								
	08/25/05 00:00	284989	(EPA 314	) Perchlorate	160000	ug/l	20000	5000
	08/17/05 14:25	283371	(2510B/ SW9050) Specific Conductance	11200	umho/cm	2.0	1



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Laboratory
Data Report
#154669

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2508170065) Sampled on 08/15/05 05:30								
	08/25/05 00:00	284989	(EPA 314	) Perchlorate	400000	ug/l	40000	10000
	08/17/05 14:25	283371	(2510B/ SW9050	) Specific Conductance	11600	umho/cm	2.0	1
PC-99R2/R3 (2508170066) Sampled on 08/15/05 06:00								
	08/25/05 00:00	284989	(EPA 314	) Perchlorate	15000	ug/l	2000	500
	08/17/05 14:25	283371	(2510B/ SW9050	) Specific Conductance	5390	umho/cm	2.0	1
PC-115R (2508170067) Sampled on 08/15/05 06:00								
	08/25/05 00:00	284989	(EPA 314	) Perchlorate	18000	ug/l	2000	500
	08/17/05 14:25	283371	(2510B/ SW9050	) Specific Conductance	5360	umho/cm	2.0	1
PC-116R (2508170068) Sampled on 08/15/05 06:00								
	08/25/05 00:00	284989	(EPA 314	) Perchlorate	15000	ug/l	2000	500
	08/17/05 14:41	283372	(2510B/ SW9050	) Specific Conductance	5800	umho/cm	2.0	1
SEEP SURFACE FLOW (2508170069) Sampled on 08/15/05 06:00								
	08/26/05 14:42	284807	(EPA 314	) Perchlorate	6000	ug/l	800	200
	08/17/05 14:41	283372	(2510B/ SW9050	) Specific Conductance	4980	umho/cm	2.0	1
SF-1 (2508170070) Sampled on 08/15/05 06:00								
	08/26/05 00:00	284991	(EPA 314	) Perchlorate	7.4	ug/l	4.0	2
	08/17/05 14:41	283372	(2510B/ SW9050	) Specific Conductance	4000	umho/cm	2.0	1
PC-117 (2508170071) Sampled on 08/15/05 06:00								
	08/26/05 15:16	284807	(EPA 314) Perchlorate	14000	ug/l	2000	500
	08/17/05 14:41	283372	(2510B/ SW9050) Specific Conductance	6010	umho/cm	2.0	1



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Laboratory
Data Report
#154669

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-118 (2508170072) Sampled on 08/15/05 06:00								
	08/26/05 15:33	284807	(EPA 314	) Perchlorate	24000	ug/l	2000	500
	08/17/05 14:41	283372	(2510B/ SW9050	) Specific Conductance	6160	umho/cm	2.0	1
PC-119 (2508170073) Sampled on 08/15/05 06:00								
	08/26/05 15:50	284807	(EPA 314	) Perchlorate	22000	ug/l	2000	500
	08/17/05 14:41	283372	(2510B/ SW9050	) Specific Conductance	6370	umho/cm	2.0	1
PC-120 (2508170074) Sampled on 08/15/05 06:00								
	08/26/05 16:07	284807	(EPA 314	) Perchlorate	13000	ug/l	2000	500
	08/17/05 14:41	283372	(2510B/ SW9050	) Specific Conductance	5560	umho/cm	2.0	1
PC-121 (2508170075) Sampled on 08/15/05 06:00								
	08/26/05 16:24	284807	(EPA 314	) Perchlorate	5000	ug/l	2000	500
	08/17/05 14:41	283372	(2510B/ SW9050	) Specific Conductance	4460	umho/cm	2.0	1
PC-133 (2508170076) Sampled on 08/15/05 06:00								
	08/26/05 16:41	284807	(EPA 314) Perchlorate	16000	ug/l	2000	500
	08/17/05 14:41	283372	(2510B/ SW9050) Specific Conductance	6130	umho/cm	2.0	1



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Laboratory
QC Summary
#154669

Kerr McGee Chemical Company -
Henderson

QC Ref #283371 - Specific Conductance

Analysis Date: 08/17/2005

2508170058	ART-1	Analyzed by: sar
2508170059	ART-2	Analyzed by: sar
2508170060	ART-3	Analyzed by: sar
2508170061	ART-4	Analyzed by: sar
2508170062	ART-5	Analyzed by: sar
2508170063	ART-6	Analyzed by: sar
2508170064	ART-7	Analyzed by: sar
2508170065	ART-8	Analyzed by: sar
2508170066	PC-99R2/R3	Analyzed by: sar
2508170067	PC-115R	Analyzed by: sar

QC Ref #283372 - Specific Conductance

Analysis Date: 08/17/2005

2508170068	PC-116R	Analyzed by: sar
2508170069	SEEP SURFACE FLOW	Analyzed by: sar
2508170070	SF-1	Analyzed by: sar
2508170071	PC-117	Analyzed by: sar
2508170072	PC-118	Analyzed by: sar
2508170073	PC-119	Analyzed by: sar
2508170074	PC-120	Analyzed by: sar
2508170075	PC-121	Analyzed by: sar
2508170076	PC-133	Analyzed by: sar

QC Ref #284807 - Perchlorate

Analysis Date: 08/26/2005

2508170069	SEEP SURFACE FLOW	Analyzed by: bxs
2508170071	PC-117	Analyzed by: bxs
2508170072	PC-118	Analyzed by: bxs
2508170073	PC-119	Analyzed by: bxs
2508170074	PC-120	Analyzed by: bxs
2508170075	PC-121	Analyzed by: bxs
2508170076	PC-133	Analyzed by: bxs

QC Ref #284989 - Perchlorate

Analysis Date: 08/25/2005

2508170058	ART-1	Analyzed by: bxs
2508170059	ART-2	Analyzed by: bxs
2508170060	ART-3	Analyzed by: bxs
2508170061	ART-4	Analyzed by: bxs



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Laboratory
QC Summary
#154669

Kerr McGee Chemical Company -
Henderson
(continued)

2508170062	ART-5	Analyzed by: bxs
2508170063	ART-6	Analyzed by: bxs
2508170064	ART-7	Analyzed by: bxs
2508170065	ART-8	Analyzed by: bxs
2508170066	PC-99R2/R3	Analyzed by: bxs
2508170067	PC-115R	Analyzed by: bxs
2508170068	PC-116R	Analyzed by: bxs

QC Ref #284991 - Perchlorate

Analysis Date: 08/26/2005

2508170070	SF-1	Analyzed by: bxs
------------	------	------------------



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Laboratory
QC Report
#154669

Kerr McGee Chemical Company -
Henderson

QC Ref #283371 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	5360	5350	UMHO		(0-20)	0.2

QC Ref #283372 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6130	6170	UMHO		(0-20)	0.7

QC Ref #284807 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.9	UGL	99.6	(85-115)	
LCS2	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	1.2
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.6	UGL	94.4	(70-130)	
MSD	Perchlorate	25.0	23.8	UGL	95.2	(70-130)	0.84

QC Ref #284989 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 25	08150468	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.4	UGL	101.6	(85-115)	
LCS2	Perchlorate	25.0	25.1	UGL	100.4	(85-115)	1.2
LCS3	Perchlorate	4	4	UGL	100.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.1	UGL	96.4	(70-130)	
MSD	Perchlorate	25.0	24.1	UGL	96.4	(70-130)	0.00

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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Laboratory
QC Report
#154669

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #284991

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 25	08170149	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.9	UGL	99.6	(85-115)	
LCS2	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	1.2
LCS3	Perchlorate	4	4	UGL	100.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.6	UGL	94.4	(70-130)	
MSD	Perchlorate	25.0	23.8	UGL	95.2	(70-130)	0.84

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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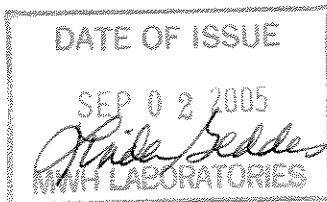
Laboratory Report

for

Kerr McGee Chemical Company - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager



Report#: 155121
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 12 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

155/91

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

MWLABS USE ONLY:

SAMPLES CHECKED/LOGGED IN BY: *[Signature]*

SAMPLE TEMP, RECEIPT AT LAB: *[Signature]*

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)		SAMPLER COMMENTS	
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	Total ClO ₄	EC	Total Chrome
0530	8/22/05		ART-1	RSW	X		X	X	
0530	8/22/05		ART-2	RSW	X		X	X	
0530	8/22/05		ART-3	RSW	X		X	X	
0530	8/22/05		ART-4	RSW	X		X	X	
0530	8/22/05		ART-5	RSW	X		X	X	
0530	8/22/05		ART-6	RSW	X		X	X	
0530	8/22/05		ART-7	RSW	X		X	X	
0530	8/22/05		ART-8	RSW	X		X	X	
0600	8/22/05		PC-99R2/R3	RSW	X		X	X	
0600	8/22/05		PC-115R	RSW	X		X	X	
0600	8/22/05		PC-116R	RSW	X		X	X	
0600	8/22/05		Seep Surface Flow	RSW	X		X	X	

Reported by Weight:

SO = Soil
SL = Sludge

Reported by Volume:

CFW = Chlor(amin)ated Finished Water
FW = Other Finished Water

RGW = Raw Ground Water
RSW = Raw Surface Water

CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

RELINQUISHED BY: *Michele Brown* SIGNATURE

RECEIVED BY: *[Signature]* PRINT NAME: Michele Brown

RELINQUISHED BY: *[Signature]* SIGNATURE

RECEIVED BY: *[Signature]* PRINT NAME: *[Signature]*

DATE: 8/22/2005 TIME: 1200pm

COMPANY/TITLE: Veolia Water for Kerr McGee

SCANNED PAGE 1 of 4



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

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M/LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES												SAMPLER COMMENTS				
KERRMCGEE-MP Michelle Brown		Collection Wells Fields - Monthly - SO #12373		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)												(check for yes) <input checked="" type="checkbox"/>				
Sampler Signature: <i>Michelle Brown</i>		Kerr-McGee Chemical LLC PO Box 55 Henderson, NV 89009																		
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	Total ClO ₂	EC	Total Chrome											
6:00	8/22/05		SF-1	RSW	X		X	X												
6:00	8/22/05		PC-117	RSW	X		X	X												
6:00	8/22/05		PC-118	RSW	X		X	X												
6:00	8/22/05		PC-119	RSW	X		X	X												
6:00	8/22/05		PC-120	RSW	X		X	X												
6:00	8/22/05		PC-121	RSW	X		X	X												
6:00	8/22/05		PC-133	RSW	X		X	X												

* MATRIX TYPES:

Reported by Volume:
CFW = Chloroform/Inated Finished Water
FW = Other Finished Water

RGW = Raw Ground Water
RSW = Raw Surface Water

CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

Reported by Weight:
SO = Soil
SL = Sludge

RELINQUISHED BY: <i>Michelle Brown</i>	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY:		Michele Brown	Veolia Water for Kerr McGee	8/22/2005	1200pm
RELINQUISHED BY:					
RECEIVED BY:					

SCANNED
PAGE 2 of 4



MWH Laboratories, a Division of MWH Americas, Inc.
750 Royal Oaks Avenue Suite 100
Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Kerr McGee Chemical Company - Henderson Standing

Andrew Eaton Your MWL Project Manager
(626) 386-1125 Direct Phone/Voice Mail

Client Code KERRMCGEE-MP W Weekly
Project Code CLO4 Week 1
PO# / Job# GWREMEDIATION
Blanket PO

SO# 25453 12373 RS

Sampler: Please Return this Paper with your samples

Created by EEF

Order Date

07/25/05

Date Needed by Client

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to

Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Billing Address

KMC LLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

ATTN: Susan Crowley
PHONE: 702-651-2234

ATTN: Susan Crowley
PHONE: 702-651-2234
FAX: 702-651-2310

Quote#

EEF

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
30	CLO4, EC	1 125ml poly /no preservative		These sites are weekly through end of 2003
	SHEET OF LABELS WITH WELL-IDS	see comments section		
				PC-117, PC-118, PC-119,
				PC-120, and PC-121
				PC-116R
				PC-99R2
				PC-99R3
				PC-115R
				ART-1
				ART-2
				ART-3
				ART-4
				ART-5
				ART-6
				ART-7
				ART-8
				Seep Surface Flow
				SF-1"
				Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on
				EXTRA BOTTLES INCLUDED
				client code changed 7/25/03

From: Origin ID: (702)651-2220
KERR-MCGEE CHEMICAL
KERR-MCGEE CHEMICAL
8000 LAKE MEAD DRIVE
SHIPPING DEPARTMENT
HENDERSON, NV 89015



Ship Date: 22AUG05
Actual Wgt: 19 LB
System#: 2274147/INET2200
Account#: S *****

REF: MSO# 141510



Delivery Address Bar Code

SHIP TO: (626)568-6400 **BILL SENDER**
ATTN: MONTGOMERY LABS RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS AVENUE
#100
MONROVIA, CA 91016

PRIORITY OVERNIGHT

TUE

TRK# 7906 1890 5080

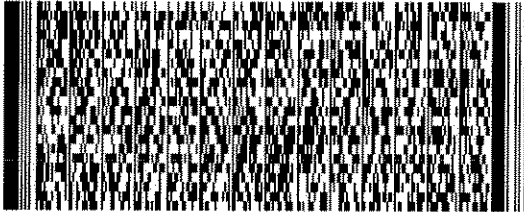
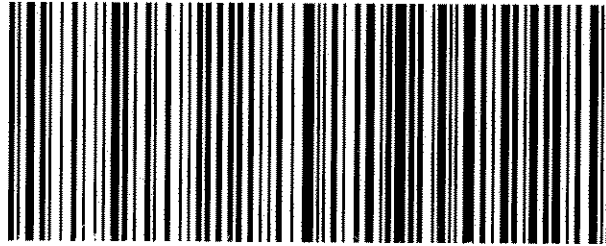
FORM 0201

Deliver By:
23AUG05

BUR A2

91016 -CA-US

QZ WHPA



SCANNED

Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

5THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 141510

RECEIVED subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading.

From: KERR-McGEE CHEMICAL CORPORATION

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said Carrier (the word Carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another Carrier on the route to said destination. It is mutually agreed, as to each Carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

SCANNED

CARRIER Federal Express		Date 8/22/05	FROM NO. STATION: STATE Henderson, NV 89015
MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400		Authorization S.CROWLEY	
FREIGHT CHARGES xx <input type="checkbox"/> Prepaid <input type="checkbox"/> Collect		FULL NAME OF SHIPPER KERR-McGEE CHEMICAL LLC	
N/AR		CUSTOMER PO OR REQ'N NO.	CODE NO. WCN IF 1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.
SHIPPED FROM Henderson, NV			
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Weekly PC, ART Well Samples Not Regulated		1 COOLER
			Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, the Consignor shall sign the following statement: The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. KERR-McGEE CHEMICAL LLC
			The description and weight indicated on this Bill of Lading are correct. Subject to verification by the Governing Weighing and Inspection Bureau according to Agreement.
TRUCK SHIPMENTS		FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300 483-7616 IN DISTRICT OF COLUMBIA 202-483-7616 FROM OUTSIDE THE CONTINENTAL US.	
PLACARDS OFFERED	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	PLACARDS ACCEPTED	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
1	TOTAL GROSS WEIGHT 19	TOTAL TARE WEIGHT 0	19
NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per			"Shippers imprint in lieu of stamp: not a part of Bill of Lading approved by the Interstate Commerce Commission"
THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.			

KERR-McGEE CHEMICAL LLC
Shipper permanent post office address of shipper, Oklahoma City, OK 73125

PER

Olga Maestas

AGENT

PER

MWH Laboratories
 750 Royal Oaks Drive, Monrovia, CA 91016
 PHONE: 626-386-1100/FAX: 626-386-1101

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Kerr McGee Chemical Company - Henderson	Customer Code: KERRMCGEE-MP
PO Box 55	PO#: Susan Crowley PO
Henderson, NV 89009	Group#: 155121
Attn: Susan Crowley	Project#: CLO4
Phone: 702-651-2234	Proj Mgr: Andrew Eaton
	Phone: (626) 386-1125

The following samples were received from you on **08/23/05**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2508230347	ART-1	CLO4 EC	Water	22-aug-2005 05:30:00
2508230349	ART-2	CLO4 EC	Water	22-aug-2005 05:30:00
2508230350	ART-3	CLO4 EC	Water	22-aug-2005 05:30:00
2508230351	ART-4	CLO4 EC	Water	22-aug-2005 05:30:00
2508230352	ART-5	CLO4 EC	Water	22-aug-2005 05:30:00
2508230353	ART-6	CLO4 EC	Water	22-aug-2005 05:30:00
2508230354	ART-7	CLO4 EC	Water	22-aug-2005 05:30:00
2508230355	ART-8	CLO4 EC	Water	22-aug-2005 05:30:00
2508230356	PC-99R2/R3	CLO4 EC	Water	22-aug-2005 06:00:00
2508230357	PC-115R	CLO4 EC	Water	22-aug-2005 06:00:00
2508230358	PC-116R	CLO4 EC	Water	22-aug-2005 06:00:00
2508230359	SEEP SURFACE FLOW	CLO4 EC	Water	22-aug-2005 06:00:00
2508230360	SF-1	CLO4 EC	Water	22-aug-2005 06:00:00
2508230361	PC-117	CLO4 EC	Water	22-aug-2005 06:00:00
2508230362	PC-118	CLO4 EC	Water	22-aug-2005 06:00:00
2508230363	PC-119	CLO4 EC	Water	22-aug-2005 06:00:00
2508230364	PC-120	CLO4 EC	Water	22-aug-2005 06:00:00

Kerr McGee Chemical Company - Henderson

PO Box 55

Henderson, NV 89009

Attn: Susan Crowley

Phone: 702-651-2234

Customer Code: KERRMCGEE-MP

PO#: Susan Crowley PO

Group#: 155121

Project#: CLO4

Proj Mgr: Andrew Eaton

Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2508230365	PC-121	CLO4 EC	Water	22-aug-2005 06:00:00
2508230366	PC-133	CLO4 EC	Water	22-aug-2005 06:00:00

Test Acronym Description

Test Acronym	Description
CLO4 EC	Perchlorate Specific Conductance



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Report
Comments
#155121

Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____



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Laboratory
Hits Report
#155121

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
23-aug-2005 19:34:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508230347	ART-1				
08/30/05	Perchlorate		210		ug/l	20
08/24/05	Specific Conductance		9590		umho/cm	2.0
	2508230349	ART-2				
08/30/05	Perchlorate		170000		ug/l	20000
08/24/05	Specific Conductance		12200		umho/cm	2.0
	2508230350	ART-3				
08/30/05	Perchlorate		480000		ug/l	40000
08/24/05	Specific Conductance		9300		umho/cm	2.0
	2508230351	ART-4				
08/30/05	Perchlorate		410000		ug/l	40000
08/24/05	Specific Conductance		6950		umho/cm	2.0
	2508230352	ART-5				
08/30/05	Perchlorate		110000		ug/l	20000
08/24/05	Specific Conductance		11000		umho/cm	2.0
	2508230353	ART-6				
08/30/05	Perchlorate		290000		ug/l	20000
08/24/05	Specific Conductance		8120		umho/cm	2.0
	2508230354	ART-7				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#155121

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
23-aug-2005 19:34:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508230354	ART-7				
08/30/05	Perchlorate		97000		ug/l	20000
08/24/05	Specific Conductance		11900		umho/cm	2.0
	2508230355	ART-8				
08/30/05	Perchlorate		430000		ug/l	40000
08/24/05	Specific Conductance		11500		umho/cm	2.0
	2508230356	PC-99R2/R3				
08/30/05	Perchlorate		13000		ug/l	2000
08/24/05	Specific Conductance		5140		umho/cm	2.0
	2508230357	PC-115R				
08/30/05	Perchlorate		15000		ug/l	2000
08/24/05	Specific Conductance		5050		umho/cm	2.0
	2508230358	PC-116R				
08/30/05	Perchlorate		13000		ug/l	2000
08/24/05	Specific Conductance		5570		umho/cm	2.0
	2508230359	SEEP SURFACE FLOW				
08/30/05	Perchlorate		7000		ug/l	2000
08/24/05	Specific Conductance		4900		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#155121

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
23-aug-2005 19:34:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508230360	SF-1				
	2508230360	SF-1				
08/24/05	Specific Conductance		7460		umho/cm	2.0
	2508230361	PC-117				
08/30/05	Perchlorate		14000		ug/l	2000
08/24/05	Specific Conductance		5860		umho/cm	2.0
	2508230362	PC-118				
08/30/05	Perchlorate		22000		ug/l	2000
08/24/05	Specific Conductance		5830		umho/cm	2.0
	2508230363	PC-119				
08/30/05	Perchlorate		21000		ug/l	2000
08/24/05	Specific Conductance		6140		umho/cm	2.0
	2508230364	PC-120				
08/30/05	Perchlorate		12000		ug/l	2000
08/26/05	Specific Conductance		5920		umho/cm	2.0
	2508230365	PC-121				
08/31/05	Perchlorate		5000		ug/l	2000
08/26/05	Specific Conductance		4720		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#155121

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
23-aug-2005 19:34:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508230365	PC-121				
	2508230366	PC-133				
08/31/05	Perchlorate		16000		ug/l	2000
08/26/05	Specific Conductance		6630		umho/cm	2.0



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Laboratory
Data Report
#155121

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
08/23/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2508230347) Sampled on 08/22/05 05:30								
	08/30/05 14:57	285314	(EPA 314	) Perchlorate	210	ug/l	20	5
	08/24/05 15:38	284250	(2510B/ SW9050)	Specific Conductance	9590	umho/cm	2.0	1
ART-2 (2508230349) Sampled on 08/22/05 05:30								
	08/30/05 16:46	285314	(EPA 314	) Perchlorate	170000	ug/l	20000	5000
	08/24/05 15:38	284250	(2510B/ SW9050)	Specific Conductance	12200	umho/cm	2.0	1
ART-3 (2508230350) Sampled on 08/22/05 05:30								
	08/30/05 17:03	285314	(EPA 314	) Perchlorate	480000	ug/l	40000	10000
	08/24/05 15:38	284250	(2510B/ SW9050)	Specific Conductance	9300	umho/cm	2.0	1
ART-4 (2508230351) Sampled on 08/22/05 05:30								
	08/30/05 17:20	285314	(EPA 314	) Perchlorate	410000	ug/l	40000	10000
	08/24/05 15:38	284250	(2510B/ SW9050)	Specific Conductance	6950	umho/cm	2.0	1
ART-5 (2508230352) Sampled on 08/22/05 05:30								
	08/30/05 17:37	285314	(EPA 314	) Perchlorate	110000	ug/l	20000	5000
	08/24/05 15:38	284250	(2510B/ SW9050)	Specific Conductance	11000	umho/cm	2.0	1
ART-6 (2508230353) Sampled on 08/22/05 05:30								
	08/30/05 17:54	285314	(EPA 314	) Perchlorate	290000	ug/l	20000	5000
	08/24/05 15:38	284250	(2510B/ SW9050)	Specific Conductance	8120	umho/cm	2.0	1
ART-7 (2508230354) Sampled on 08/22/05 05:30								
	08/30/05 18:11	285314	(EPA 314	) Perchlorate	97000	ug/l	20000	5000
	08/24/05 15:54	284251	(2510B/ SW9050)	Specific Conductance	11900	umho/cm	2.0	1



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Laboratory
 Data Report
 #155121

Kerr McGee Chemical Company -
 Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2508230355) Sampled on 08/22/05 05:30								
	08/30/05 18:45	285314	(EPA 314	) Perchlorate	430000	ug/l	40000	10000
	08/24/05 15:54	284251	(2510B/ SW9050	) Specific Conductance	11500	umho/cm	2.0	1
PC-99R2/R3 (2508230356) Sampled on 08/22/05 06:00								
	08/30/05 19:02	285314	(EPA 314	) Perchlorate	13000	ug/l	2000	500
	08/24/05 15:54	284251	(2510B/ SW9050	) Specific Conductance	5140	umho/cm	2.0	1
PC-115R (2508230357) Sampled on 08/22/05 06:00								
	08/30/05 19:19	285314	(EPA 314	) Perchlorate	15000	ug/l	2000	500
	08/24/05 15:54	284251	(2510B/ SW9050	) Specific Conductance	5050	umho/cm	2.0	1
PC-116R (2508230358) Sampled on 08/22/05 06:00								
	08/30/05 19:36	285314	(EPA 314	) Perchlorate	13000	ug/l	2000	500
	08/24/05 15:54	284251	(2510B/ SW9050	) Specific Conductance	5570	umho/cm	2.0	1
SEEP SURFACE FLOW (2508230359) Sampled on 08/22/05 06:00								
	08/30/05 19:53	285314	(EPA 314	) Perchlorate	7000	ug/l	2000	500
	08/24/05 15:54	284251	(2510B/ SW9050	) Specific Conductance	4900	umho/cm	2.0	1
SF-1 (2508230360) Sampled on 08/22/05 06:00								
	08/30/05 00:00	285315	(EPA 314	) Perchlorate	ND	ug/l	4.0	2
	08/24/05 15:54	284251	(2510B/ SW9050	) Specific Conductance	7460	umho/cm	2.0	1
PC-117 (2508230361) Sampled on 08/22/05 06:00								
	08/30/05 20:27	285314	(EPA 314) Perchlorate	14000	ug/l	2000	500
	08/24/05 15:54	284251	(2510B/ SW9050) Specific Conductance	5860	umho/cm	2.0	1



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Laboratory
Data Report
#155121

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-118 (2508230362) Sampled on 08/22/05 06:00								
	08/30/05 20:44	285314	(EPA 314	) Perchlorate	22000	ug/l	2000	500
	08/24/05 15:54	284251	(2510B/ SW9050	) Specific Conductance	5830	umho/cm	2.0	1
PC-119 (2508230363) Sampled on 08/22/05 06:00								
	08/30/05 21:01	285314	(EPA 314	) Perchlorate	21000	ug/l	2000	500
	08/24/05 15:54	284251	(2510B/ SW9050	) Specific Conductance	6140	umho/cm	2.0	1
PC-120 (2508230364) Sampled on 08/22/05 06:00								
	08/30/05 21:18	285314	(EPA 314	) Perchlorate	12000	ug/l	2000	500
	08/26/05 15:48	284652	(2510B/ SW9050	) Specific Conductance	5920	umho/cm	2.0	1
PC-121 (2508230365) Sampled on 08/22/05 06:00								
	08/31/05 13:47	285332	(EPA 314	) Perchlorate	5000	ug/l	2000	500
	08/26/05 15:48	284652	(2510B/ SW9050	) Specific Conductance	4720	umho/cm	2.0	1
PC-133 (2508230366) Sampled on 08/22/05 06:00								
	08/31/05 14:04	285332	(EPA 314) Perchlorate	16000	ug/l	2000	500
	08/26/05 15:48	284652	(2510B/ SW9050) Specific Conductance	6630	umho/cm	2.0	1



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Laboratory
QC Summary
#155121

Kerr McGee Chemical Company -
Henderson

QC Ref #284250 - Specific Conductance

Analysis Date: 08/24/2005

2508230347	ART-1	Analyzed by: sar
2508230349	ART-2	Analyzed by: sar
2508230350	ART-3	Analyzed by: sar
2508230351	ART-4	Analyzed by: sar
2508230352	ART-5	Analyzed by: sar
2508230353	ART-6	Analyzed by: sar

QC Ref #284251 - Specific Conductance

Analysis Date: 08/24/2005

2508230354	ART-7	Analyzed by: sar
2508230355	ART-8	Analyzed by: sar
2508230356	PC-99R2/R3	Analyzed by: sar
2508230357	PC-115R	Analyzed by: sar
2508230358	PC-116R	Analyzed by: sar
2508230359	SEEP SURFACE FLOW	Analyzed by: sar
2508230360	SF-1	Analyzed by: sar
2508230361	PC-117	Analyzed by: sar
2508230362	PC-118	Analyzed by: sar
2508230363	PC-119	Analyzed by: sar

QC Ref #284652 - Specific Conductance

Analysis Date: 08/26/2005

2508230364	PC-120	Analyzed by: sar
2508230365	PC-121	Analyzed by: sar
2508230366	PC-133	Analyzed by: sar

QC Ref #285314 - Perchlorate

Analysis Date: 08/30/2005

2508230347	ART-1	Analyzed by: bxs
2508230349	ART-2	Analyzed by: bxs
2508230350	ART-3	Analyzed by: bxs
2508230351	ART-4	Analyzed by: bxs
2508230352	ART-5	Analyzed by: bxs
2508230353	ART-6	Analyzed by: bxs
2508230354	ART-7	Analyzed by: bxs
2508230355	ART-8	Analyzed by: bxs
2508230356	PC-99R2/R3	Analyzed by: bxs
2508230357	PC-115R	Analyzed by: bxs
2508230358	PC-116R	Analyzed by: bxs



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Laboratory
QC Summary
#155121

Kerr McGee Chemical Company -
Henderson
(continued)

2508230359	SEEP SURFACE FLOW	Analyzed by: bxs
2508230361	PC-117	Analyzed by: bxs
2508230362	PC-118	Analyzed by: bxs
2508230363	PC-119	Analyzed by: bxs
2508230364	PC-120	Analyzed by: bxs

QC Ref #285315 - Perchlorate

Analysis Date: 08/30/2005

2508230360	SF-1	Analyzed by: bxs
------------	------	------------------

QC Ref #285332 - Perchlorate

Analysis Date: 08/31/2005

2508230365	PC-121	Analyzed by: bxs
2508230366	PC-133	Analyzed by: bxs



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Laboratory
QC Report
#155121

Kerr McGee Chemical Company -
Henderson

QC Ref #284250 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	8120	8120	UMHO		(0-20)	0.0

QC Ref #284251 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6140	6190	UMHO		(0-20)	0.8

QC Ref #284652 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6630	6620	UMHO		(0-20)	0.2
MRL_CHK	Specific Conductance	10.0	9.89	UMHO	98.9	(50-150)	

QC Ref #285314 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS2	Perchlorate	25.0	25.4	UGL	101.6	(85-115)	0.78
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.2	UGL	104.8	(70-130)	
MSD	Perchlorate	25.0	26.7	UGL	106.8	(70-130)	1.9

QC Ref #285315 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 25	08230360	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS2	Perchlorate	25.0	25.4	UGL	101.6	(85-115)	0.78

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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Laboratory
QC Report
#155121

Kerr McGee Chemical Company -
Henderson
(continued)

LCS3	Perchlorate	4	3.9	UGL	97.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.2	UGL	104.8	(70-130)	
MSD	Perchlorate	25.0	26.7	UGL	106.8	(70-130)	1.9

QC Ref #285332

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.9	UGL	99.6	(85-115)	
LCS2	Perchlorate	25.0	25.4	UGL	101.6	(85-115)	2.0
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.5	UGL	98.0	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	0.81

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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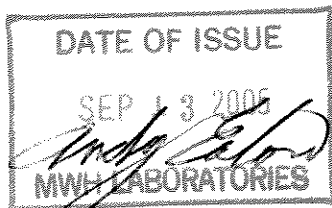
Laboratory Report

for

Kerr McGee Chemical Company - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager



Report#: 155551
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 12 page[s].



155551

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

MW LABS USE ONLY:
LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: *[Signature]*
SAMPLE TEMP, RECEIPT AT LAB: *ZJ*
BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP
PROJECT JOB # / P.O.#: Collection Wells Fields - Weekly - SO #12373
SAMPLER: *Michelle Brown*
Kerr-McGee Chemical LLC
PO Box 55
Henderson, NV 89009
Susan Crowley (702) 651-2200

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	Total ClO ₄	FC	Total Chrome	SAMPLER COMMENTS
0530	8/29/05		ART-1	RSW	X		X	X		SBO - 12373 & 18787
0530	8/29/05		ART-2	RSW	X		X	X		
0530	8/29/05		ART-3	RSW	X		X	X		
0530	8/29/05		ART-4	RSW	X		X	X		
0530	8/29/05		ART-5	RSW	X		X	X		
0530	8/29/05		ART-6	RSW	X		X	X		
0530	8/29/05		ART-7	RSW	X		X	X		
0530	8/29/05		ART-8	RSW	X		X	X		
0600	8/29/05		PC-99R3	RSW	X		X	X		
0600	8/29/05		PC-115R	RSW	X		X	X		
0600	8/29/05		PC-116R	RSW	X		X	X		
0600	8/29/05		Seep Surface Flow	RSW	X		X	X		

Reported by Weight:

SO = Soil
SL = Sludge

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water

CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

RGW = Raw Ground Water
RSW = Raw Surface Water

RELINQUISHED BY: *Michelle Brown* SIGNATURE
 RECEIVED BY: *[Signature]* PRINT NAME: Michele Brown
 RELINQUISHED BY: *[Signature]* PRINT NAME: Michelle Rodriguez
 RECEIVED BY: *[Signature]* PRINT NAME: MWL

DATE: 8/29/2005 TIME: 12:00pm
 DATE: 8-30-05 TIME: 10:45

COMPANY/TITLE: Veolia Water for Kerr McGee



750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

MVLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: MF

SAMPLE TEMP, RECEIPT AT LAB: 2.2

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#
KERRMCGEE-MP Collection Wells Fields - Monthly - SO #12373
Sampler Signature: Michele Brown Kerr-McGee Chemical LLC
PO Box 65 Henderson, NV 89009
Susan Crowley (702) 851-2200

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	Total ClO ₂	Total Chrome	SAMPLER COMMENTS
6:00	8/29/05		SF-1	RSW	X		X		
6:00	8/29/05		PC-117	RSW	X		X		
6:00	8/29/05		PC-118	RSW	X		X		
6:00	8/29/05		PC-119	RSW	X		X		
6:00	8/29/05		PC-120	RSW	X		X		
6:00	8/29/05		PC-121	RSW	X		X		
6:00	8/29/05		PC-133	RSW	X		X		

* MATRIX TYPES:

Reported by Volume:
CFW = Chloroformated Finished Water
FW = Other Finished Water

RGW = Raw Ground Water
RSW = Raw Surface Water

CWW = Chlorinated Waste Water
IWW = Other Waste Water
SW = Storm Water

Reported by Weight:
SO = Soil
SL = Sludge

SIGNATURE

RELINQUISHED BY: Michele Brown

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water for Kerr McGee

DATE

8/29/2005

TIME

1200pm

8:30:05 16:45



MWH Laboratories, a Division of MWH Americas, Inc.
750 Royal Oaks Avenue Suite 100
Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Kerr McGee Chemical Company - Henderson Standing

Andrew Eaton Your MWL Project Manager
(626) 386-1125 Direct Phone/Voice Mail

Client Code KERRMCGEE-MP W Weekly Period
Project Code CLO4 Week 1
PO# / Job# GWREMEDIATION
Blanket PO

SO# 25539 12373 RS **Sampler: Please Return this Paper with your samples**

Created by **EEF**

Order Date **08/01/05**

Date Needed by Client

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to

Kerr McGee Henderson Plant
P.O. Box 55
Henderson, NV 89009

Billing Address

KMC,LLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

ATTN: Susan Crowley
PHONE: 702-651-2234

ATTN: Susan Crowley
PHONE: 702-651-2234
FAX: 702-651-2310

Quote#

EEF

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
30	CLO4, EC	1 125ml poly /no preservative	-	These sites are weekly through end of 2003
-	SHEET OF LABELS WITH WELL-IDS	see comments section	-	PC-117, PC-118, PC-119, PC-120, and PC-121
-			-	PC-116R
-			-	PC-99R2
-			-	PC-99R3
-			-	PC-115R
-			-	ART-1
-			-	ART-2
-			-	ART-3
-			-	ART-4
-			-	ART-5
-			-	ART-6
-			-	ART-7
-			-	ART-8
-			-	Seep Surface Flow
-			-	SF-1"
-			-	Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on
-			-	EXTRA BOTTLES INCLUDED
-			-	client code changed 7/25/03





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Report
Comments
#155551

Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____



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Laboratory
 Hits Report
 #155551

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 30-aug-2005 16:07:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508300235	ART-1				
09/06/05	Perchlorate		180		ug/l	20
09/01/05	Specific Conductance		9600		umho/cm	2.0
	2508300236	ART-2				
09/06/05	Perchlorate		140000		ug/l	20000
09/01/05	Specific Conductance		12200		umho/cm	2.0
	2508300237	ART-3				
09/06/05	Perchlorate		430000		ug/l	40000
09/01/05	Specific Conductance		9800		umho/cm	2.0
	2508300238	ART-4				
09/06/05	Perchlorate		390000		ug/l	40000
09/01/05	Specific Conductance		6060		umho/cm	2.0
	2508300239	ART-5				
09/06/05	Perchlorate		110000		ug/l	20000
09/01/05	Specific Conductance		11600		umho/cm	2.0
	2508300240	ART-6				
09/06/05	Perchlorate		290000		ug/l	20000
09/01/05	Specific Conductance		7110		umho/cm	2.0
	2508300241	ART-7				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#155551

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
30-aug-2005 16:07:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508300241	ART-7				
09/06/05	Perchlorate		99000		ug/l	20000
09/01/05	Specific Conductance		11900		umho/cm	2.0
	2508300242	ART-8				
09/06/05	Perchlorate		390000		ug/l	40000
09/01/05	Specific Conductance		11500		umho/cm	2.0
	2508300243	PC-99R3				
09/06/05	Perchlorate		10000		ug/l	2000
09/01/05	Specific Conductance		4870		umho/cm	2.0
	2508300244	PC-115R				
09/06/05	Perchlorate		12000		ug/l	2000
09/01/05	Specific Conductance		4820		umho/cm	2.0
	2508300245	PC-116R				
09/06/05	Perchlorate		12000		ug/l	2000
09/01/05	Specific Conductance		5540		umho/cm	2.0
	2508300246	SEEP SURFACE FLOW				
09/06/05	Perchlorate		7000		ug/l	2000
09/01/05	Specific Conductance		5120		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #155551

Kerr McGee Chemical Company -
 Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 30-aug-2005 16:07:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508300247	SF-1				
	2508300247	SF-1				
09/01/05	Specific Conductance		7690		umho/cm	2.0
	2508300248	PC-117				
09/06/05	Perchlorate		13000		ug/l	2000
09/01/05	Specific Conductance		5910		umho/cm	2.0
	2508300249	PC-118				
09/06/05	Perchlorate		19000		ug/l	2000
09/01/05	Specific Conductance		5780		umho/cm	2.0
	2508300250	PC-119				
09/06/05	Perchlorate		19000		ug/l	2000
09/01/05	Specific Conductance		6200		umho/cm	2.0
	2508300251	PC-120				
09/08/05	Perchlorate		9000		ug/l	2000
09/01/05	Specific Conductance		5240		umho/cm	2.0
	2508300252	PC-121				
09/08/05	Perchlorate		5000		ug/l	2000
09/01/05	Specific Conductance		4570		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#155551

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
30-aug-2005 16:07:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2508300252	PC-121				
	2508300253	PC-133				
09/08/05	Perchlorate		16000		ug/l	2000
09/01/05	Specific Conductance		6290		umho/cm	2.0



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Laboratory
Data Report
#155551

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received

08/30/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2508300235) Sampled on 08/29/05 05:30								
	09/06/05 17:05	285983	(EPA 314	) Perchlorate	180	ug/l	20	5
	09/01/05 11:48	285392	(2510B/ SW9050	) Specific Conductance	9600	umho/cm	2.0	1
ART-2 (2508300236) Sampled on 08/29/05 05:30								
	09/06/05 17:22	285983	(EPA 314	) Perchlorate	140000	ug/l	20000	5000
	09/01/05 11:48	285392	(2510B/ SW9050	) Specific Conductance	12200	umho/cm	2.0	1
ART-3 (2508300237) Sampled on 08/29/05 05:30								
	09/06/05 17:40	285983	(EPA 314	) Perchlorate	430000	ug/l	40000	10000
	09/01/05 11:48	285392	(2510B/ SW9050	) Specific Conductance	9800	umho/cm	2.0	1
ART-4 (2508300238) Sampled on 08/29/05 05:30								
	09/06/05 17:57	285983	(EPA 314	) Perchlorate	390000	ug/l	40000	10000
	09/01/05 11:48	285392	(2510B/ SW9050	) Specific Conductance	6060	umho/cm	2.0	1
ART-5 (2508300239) Sampled on 08/29/05 05:30								
	09/06/05 18:14	285983	(EPA 314	) Perchlorate	110000	ug/l	20000	5000
	09/01/05 11:48	285392	(2510B/ SW9050	) Specific Conductance	11600	umho/cm	2.0	1
ART-6 (2508300240) Sampled on 08/29/05 05:30								
	09/06/05 18:31	285983	(EPA 314	) Perchlorate	290000	ug/l	20000	5000
	09/01/05 11:48	285392	(2510B/ SW9050	) Specific Conductance	7110	umho/cm	2.0	1
ART-7 (2508300241) Sampled on 08/29/05 05:30								
	09/06/05 19:05	285983	(EPA 314	) Perchlorate	99000	ug/l	20000	5000
	09/01/05 11:48	285392	(2510B/ SW9050) Specific Conductance	11900	umho/cm	2.0	1



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Laboratory
Data Report
#155551

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2508300242) Sampled on 08/29/05 05:30								
	09/06/05 19:22	285983	(EPA 314	) Perchlorate	390000	ug/l	40000	10000
	09/01/05 11:48	285392	(2510B/ SW9050)	Specific Conductance	11500	umho/cm	2.0	1
PC-99R3 (2508300243) Sampled on 08/29/05 06:00								
	09/06/05 19:39	285983	(EPA 314	) Perchlorate	10000	ug/l	2000	500
	09/01/05 11:48	285392	(2510B/ SW9050)	Specific Conductance	4870	umho/cm	2.0	1
PC-115R (2508300244) Sampled on 08/29/05 06:00								
	09/06/05 19:56	285983	(EPA 314	) Perchlorate	12000	ug/l	2000	500
	09/01/05 11:48	285392	(2510B/ SW9050)	Specific Conductance	4820	umho/cm	2.0	1
PC-116R (2508300245) Sampled on 08/29/05 06:00								
	09/06/05 20:13	285983	(EPA 314	) Perchlorate	12000	ug/l	2000	500
	09/01/05 12:04	285393	(2510B/ SW9050)	Specific Conductance	5540	umho/cm	2.0	1
SEEP SURFACE FLOW (2508300246) Sampled on 08/29/05 06:00								
	09/06/05 20:30	285983	(EPA 314	) Perchlorate	7000	ug/l	2000	500
	09/01/05 12:04	285393	(2510B/ SW9050)	Specific Conductance	5120	umho/cm	2.0	1
SF-1 (2508300247) Sampled on 08/29/05 06:00								
	09/06/05 00:00	286380	(EPA 314	) Perchlorate	ND	ug/l	4.0	2
	09/01/05 12:04	285393	(2510B/ SW9050)	Specific Conductance	7690	umho/cm	2.0	1
PC-117 (2508300248) Sampled on 08/29/05 06:00								
	09/06/05 21:04	285983	(EPA 314) Perchlorate	13000	ug/l	2000	500
	09/01/05 12:04	285393	(2510B/ SW9050)	Specific Conductance	5910	umho/cm	2.0	1



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Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory
Data Report
#155551

Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-118 (2508300249) Sampled on 08/29/05 06:00								
	09/06/05 21:21	285983	(EPA 314	) Perchlorate	19000	ug/l	2000	500
	09/01/05 12:04	285393	(2510B/ SW9050	) Specific Conductance	5780	umho/cm	2.0	1
PC-119 (2508300250) Sampled on 08/29/05 06:00								
	09/06/05 21:38	285983	(EPA 314	) Perchlorate	19000	ug/l	2000	500
	09/01/05 12:04	285393	(2510B/ SW9050	) Specific Conductance	6200	umho/cm	2.0	1
PC-120 (2508300251) Sampled on 08/29/05 06:00								
	09/08/05 14:36	286381	(EPA 314	) Perchlorate	9000	ug/l	2000	500
	09/01/05 12:04	285393	(2510B/ SW9050	) Specific Conductance	5240	umho/cm	2.0	1
PC-121 (2508300252) Sampled on 08/29/05 06:00								
	09/08/05 14:53	286381	(EPA 314	) Perchlorate	5000	ug/l	2000	500
	09/01/05 12:04	285393	(2510B/ SW9050	) Specific Conductance	4570	umho/cm	2.0	1
PC-133 (2508300253) Sampled on 08/29/05 06:00								
	09/08/05 15:10	286381	(EPA 314) Perchlorate	16000	ug/l	2000	500
	09/01/05 12:04	285393	(2510B/ SW9050) Specific Conductance	6290	umho/cm	2.0	1



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Laboratory
QC Summary
#155551

Kerr McGee Chemical Company -
Henderson

QC Ref #285392 - Specific Conductance

Analysis Date: 09/01/2005

2508300235	ART-1	Analyzed by: sar
2508300236	ART-2	Analyzed by: sar
2508300237	ART-3	Analyzed by: sar
2508300238	ART-4	Analyzed by: sar
2508300239	ART-5	Analyzed by: sar
2508300240	ART-6	Analyzed by: sar
2508300241	ART-7	Analyzed by: sar
2508300242	ART-8	Analyzed by: sar
2508300243	PC-99R3	Analyzed by: sar
2508300244	PC-115R	Analyzed by: sar

QC Ref #285393 - Specific Conductance

Analysis Date: 09/01/2005

2508300245	PC-116R	Analyzed by: sar
2508300246	SEEP SURFACE FLOW	Analyzed by: sar
2508300247	SF-1	Analyzed by: sar
2508300248	PC-117	Analyzed by: sar
2508300249	PC-118	Analyzed by: sar
2508300250	PC-119	Analyzed by: sar
2508300251	PC-120	Analyzed by: sar
2508300252	PC-121	Analyzed by: sar
2508300253	PC-133	Analyzed by: sar

QC Ref #285983 - Perchlorate

Analysis Date: 09/06/2005

2508300235	ART-1	Analyzed by: bxs
2508300236	ART-2	Analyzed by: bxs
2508300237	ART-3	Analyzed by: bxs
2508300238	ART-4	Analyzed by: bxs
2508300239	ART-5	Analyzed by: bxs
2508300240	ART-6	Analyzed by: bxs
2508300241	ART-7	Analyzed by: bxs
2508300242	ART-8	Analyzed by: bxs
2508300243	PC-99R3	Analyzed by: bxs
2508300244	PC-115R	Analyzed by: bxs
2508300245	PC-116R	Analyzed by: bxs
2508300246	SEEP SURFACE FLOW	Analyzed by: bxs
2508300248	PC-117	Analyzed by: bxs
2508300249	PC-118	Analyzed by: bxs
2508300250	PC-119	Analyzed by: bxs



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Laboratory
QC Summary
#155551

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #286380 - Perchlorate

2508300247

SF-1

Analysis Date: 09/06/2005

Analyzed by: bxs

QC Ref #286381 - Perchlorate

2508300251

PC-120

2508300252

PC-121

2508300253

PC-133

Analysis Date: 09/08/2005

Analyzed by: bxs

Analyzed by: bxs

Analyzed by: bxs



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Laboratory
QC Report
#155551

Kerr McGee Chemical Company -
Henderson

QC Ref #285392 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	4820	4850	UMHO		(0-20)	0.6
MRL_CHK	Specific Conductance	10.0	10.1	UMHO	101.0	(50-150)	

QC Ref #285393 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	738	736	UMHO		(0-20)	0.3
MRL_CHK	Specific Conductance	10.0	10.1	UMHO	101.0	(50-150)	

QC Ref #285983 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	
LCS2	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	0.00
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.1	UGL	96.4	(70-130)	
MSD	Perchlorate	25.0	23.6	UGL	94.4	(70-130)	2.1

QC Ref #286380 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 25	08300268	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	
LCS2	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	0.00
LCS3	Perchlorate	4	4.3	UGL	107.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24	UGL	96.0	(70-130)	
MSD	Perchlorate	25.0	23.6	UGL	94.4	(70-130)	1.7

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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Laboratory
QC Report
#155551

Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #286381

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	0.41
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	
MSD	Perchlorate	25.0	23.7	UGL	94.8	(70-130)	0.85

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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Monrovia, California 91016-3829
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Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

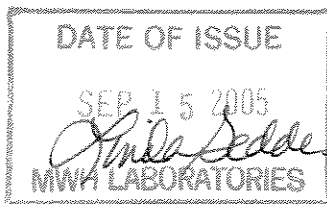
Laboratory Report

for

Kerr McGee Chemical Company - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager



Report#: 155962
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 12 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

155962

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

MW LABS USE ONLY:

SAMPLES CHECKED/LOGGED IN BY: MM

SAMPLE TEMP, RECEIPT AT LAB: 3.9°C

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)		SAMPLER COMMENTS	
KERRMCGEE-MP Michele Brown Susan Crowley (702) 651-2200		Collection Wells Fields - Weekly - SO #12373 Kerr-McGee Chemical LLC PO Box 55 Henderson, NV 89009		Total Cl ₂		Total Chrome		SBO - 12373 & 18787	
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	Total Cl ₂	Total Chrome	SAMPLER COMMENTS
0530	9/6/05		ART-1	RSW	X		X		
0530	9/6/05		ART-2	RSW	X		X		
0530	9/6/05		ART-3	RSW	X		X		
0530	9/6/05		ART-4	RSW	X		X		
0530	9/6/05		ART-5	RSW	X		X		
0530	9/6/05		ART-6	RSW	X		X		
0530	9/6/05		ART-7	RSW	X		X		
0530	9/6/05		ART-8	RSW	X		X		
0600	9/6/05		PC-99R3	RSW	X		X		
0600	9/6/05		PC-115R	RSW	X		X		
0600	9/6/05		PC-116R	RSW	X		X		
0600	9/6/05		Seep Surface Flow	RSW	X		X		

Reported by Weight:

SO = Soil

SL = Sludge

Reported by Volume:

CFW = Chlorinated Finished Water

FW = Other Finished Water

RGW = Raw Ground Water

RSW = Raw Surface Water

CWW = Chlorinated Waste Water

WW = Other Waste Water

SW = Storm Water

RELINQUISHED BY: <u>Michele Brown</u>	SIGNATURE	PRINT NAME: Michele Brown	COMPANY/TITLE: Veolia Water for Kerr McGee	DATE: 9/6/2005	TIME: 10:00
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					





MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 366-1100 (800) 566-5227

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

KERRMCGEE-MP

PROJECT JOB # / P.O.#

Collection Wells Fields - Monthly - SO #2373

Sampler Signature:

Michele Brown

Kerr-McGee Chemical LLC
PO Box 55
Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

(check for yes)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	Total ClO ₂	Total Chrome	SAMPLER COMMENTS
6:00	9/6/05		SF-1	RSW	X		X		
6:00	9/6/05		PC-117	RSW	X		X		
6:00	9/6/05		PC-118	RSW	X		X		
6:00	9/6/05		PC-119	RSW	X		X		
6:00	9/6/05		PC-120	RSW	X		X		
6:00	9/6/05		PC-121	RSW	X		X		
6:00	9/6/05		PC-133	RSW	X		X		

* MATRIX TYPES:

Reported by Volume:

CFW = Chlorinated Finished Water
FW = Other Finished Water

Reported by Weight:

RGW = Raw Ground Water
RSW = Raw Surface Water
CW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

SIGNATURE

Michele Brown

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water for Kerr McGee

DATE

9/6/2005

TIME

12:00pm

RELINQUISHED BY:

M. Brown

9-7-5 10:00

RECEIVED BY:

RECEIVED BY:





MWH Laboratories, a Division of MWH Americas, Inc.
750 Royal Oaks Avenue Suite 100
Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Kerr McGee Chemical Company - Henderson Standing

Andrew Eaton Your MWL Project Manager
(626) 386-1125 Direct Phone/Voice Mail

Client Code KERRMCGEE-MP W Weekly
Project Code CLO4 Week 1
PO# / Job# GWREMEDICATION
Blanket PO

SO# 25603 12373 RS

Sampler: Please Return this Paper with your samples

Created by EEF

Order Date

08/08/05

Date Needed by Client

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to

Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Billing Address

KMC, LLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

Date Samples to Arrive at MWL

ATTN: Susan Crowley
PHONE: 702-651-2234

ATTN: Susan Crowley
PHONE: 702-651-2234
FAX: 702-651-2310

Quote#

EEF

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
30	CLO4, EC	1 125ml poly /no preservative	-	These sites are weekly through end of 2003
-	SHEET OF LABELS WITH WELL-IDS	see comments section	-	PC-117, PC-118, PC-119, PC-120, and PC-121
-			-	PC-116R
-			-	PC-99R2
-			-	PC-99R3
-			-	PC-115R
-			-	ART-1
-			-	ART-2
-			-	ART-3
-			-	ART-4
-			-	ART-5
-			-	ART-6
-			-	ART-7
-			-	ART-8
-			-	Seep Surface Flow
-			-	SF-1"
-			-	Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on
-			-	EXTRA BOTTLES INCLUDED
-			-	client code changed 7/25/03



From: Origin ID: (702)651-2220
KERR-MCGEE CHEMICAL
KERR-MCGEE CHEMICAL
8000 LAKE MEAD DRIVE
SHIPPING DEPARTMENT
HENDERSON, NV 89015



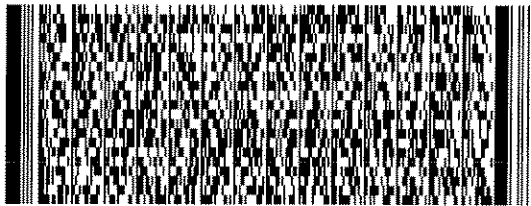
Ship Date: 06SEP05
Actual Wgt: 28 LB
System#: 2274147/INET2200
Account#: S *****

REF: MSO #141529



Delivery Address Bar Code

SHIP TO: (626)568-6400 **BILL SENDER**
ATTN: MONTGOMERY LABS RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS AVENUE
#100
MONROVIA, CA 91016



PRIORITY OVERNIGHT

WED

TRK# 7911 9414 5970

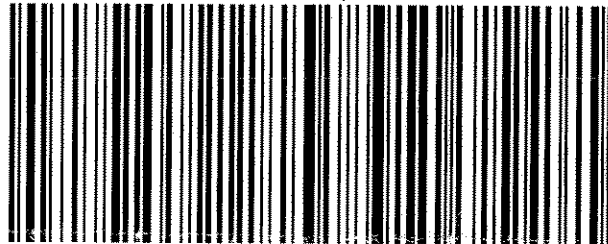
FORM 0201

Deliver By:
07SEP05

BUR A2

91016 -CA-US

QZ WHPA



Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

SCANNED

THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 141529

RECEIVED subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading.

From: KERR-McGEE CHEMICAL CORPORATION

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said Carrier (the word Carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another Carrier on the route to said destination. It is mutually agreed, as to each Carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

SCANNED

CARRIER Federal Express		Date 9/6/05	FROM NO. STATION: STATE Henderson, NV 89015
MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400		Authorization S.CROWLEY	
FREIGHT CHARGES xx <input type="checkbox"/> Prepaid <input type="checkbox"/> Collect		FULL NAME OF SHIPPER KERR-McGEE CHEMICAL LLC	
N/A/R		CUSTOMER PO OR REQ'N NO.	CODE NO. WCN IF 1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.
SHIPPED FROM Henderson, NV			
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Weekly PC, ART Well Samples Not Regulated		1 COOLER
			Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, the Consignor shall sign the following statement: The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. KERR-McGEE CHEMICAL LLC
			The description and weight indicated on this Bill of Lading are correct. Subject to verification by the Governing Weighing and Inspection Bureau according to Agreement.
TRUCK SHIPMENTS		FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300 483-7616 IN DISTRICT OF COLUMBIA 202-483-7616 FROM OUTSIDE THE CONTINENTAL US.	
PLACARDS OFFERED	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	PLACARDS ACCEPTED	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
1	TOTAL GROSS WEIGHT 28	TOTAL TARE WEIGHT 0	28
NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per			"Shippers imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission"

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

KERR-McGEE CHEMICAL LLC
Shipper permanent post office address of shipper, Oklahoma City, OK 73125

PER	Chuck Whitney	AGENT
		PER

MWH Laboratories
 750 Royal Oaks Drive, Monrovia, CA 91016
 PHONE: 626-386-1100/FAX: 626-386-1101

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Kerr McGee Chemical Company - Henderson	Customer Code: KERRMCGEE-MP
PO Box 55	PO#: Susan Crowley PO
Henderson, NV 89009	Group#: 155962
Attn: Susan Crowley	Project#: CLO4
Phone: 702-651-2234	Proj Mgr: Andrew Eaton
	Phone: (626) 386-1125

The following samples were received from you on **09/07/05**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2509070097	ART-1	CLO4 EC	Water	06-sep-2005 05:30:00
2509070098	ART-2	CLO4 EC	Water	06-sep-2005 05:30:00
2509070099	ART-3	CLO4 EC	Water	06-sep-2005 05:30:00
2509070100	ART-4	CLO4 EC	Water	06-sep-2005 05:30:00
2509070101	ART-5	CLO4 EC	Water	06-sep-2005 05:30:00
2509070102	ART-6	CLO4 EC	Water	06-sep-2005 05:30:00
2509070103	ART-7	CLO4 EC	Water	06-sep-2005 05:30:00
2509070104	ART-8	CLO4 EC	Water	06-sep-2005 05:30:00
2509070105	PC-99R3	CLO4 EC	Water	06-sep-2005 06:00:00
2509070106	PC-115R	CLO4 EC	Water	06-sep-2005 06:00:00
2509070107	PC-116R	CLO4 EC	Water	06-sep-2005 06:00:00
2509070108	SEEP SURFACE FLOW	CLO4 EC	Water	06-sep-2005 06:00:00
2509070109	SF-1	CLO4 EC	Water	06-sep-2005 06:00:00
2509070110	PC-117	CLO4 EC	Water	06-sep-2005 06:00:00
2509070111	PC-118	CLO4 EC	Water	06-sep-2005 06:00:00
2509070112	PC-119	CLO4 EC	Water	06-sep-2005 06:00:00
2509070113	PC-120	CLO4 EC	Water	06-sep-2005 06:00:00

Kerr McGee Chemical Company - Henderson

PO Box 55

Henderson, NV 89009

Attn: Susan Crowley

Phone: 702-651-2234

Customer Code: KERRMCGEE-MP

PO#: Susan Crowley PO

Group#: 155962

Project#: CLO4

Proj Mgr: Andrew Eaton

Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2509070114	PC-121	CLO4 EC	Water	06-sep-2005 06:00:00
2509070115	PC-133	CLO4 EC	Water	06-sep-2005 06:00:00

Test Acronym Description

Test Acronym	Description
CLO4 EC	Perchlorate Specific Conductance



MWH Laboratories
A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Report
Comments
#155962

Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____



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Laboratory
Hits Report
#155962

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
07-sep-2005 15:37:18

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2509070097	ART-1				
09/12/05	Perchlorate		63		ug/l	20
09/08/05	Specific Conductance		8500		umho/cm	2.0
	2509070098	ART-2				
09/12/05	Perchlorate		160000		ug/l	20000
09/08/05	Specific Conductance		11600		umho/cm	2.0
	2509070099	ART-3				
09/12/05	Perchlorate		450000		ug/l	40000
09/08/05	Specific Conductance		9260		umho/cm	2.0
	2509070100	ART-4				
09/12/05	Perchlorate		390000		ug/l	40000
09/08/05	Specific Conductance		6760		umho/cm	2.0
	2509070101	ART-5				
09/12/05	Perchlorate		120000		ug/l	20000
09/08/05	Specific Conductance		11500		umho/cm	2.0
	2509070102	ART-6				
09/12/05	Perchlorate		300000		ug/l	20000
09/08/05	Specific Conductance		7730		umho/cm	2.0
	2509070103	ART-7				

SUMMARY OF POSITIVE DATA ONLY.



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Samples Received
07-sep-2005 15:37:18

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2509070103	ART-7				
09/12/05	Perchlorate		95000		ug/l	20000
09/08/05	Specific Conductance		11200		umho/cm	2.0
	2509070104	ART-8				
09/12/05	Perchlorate		370000		ug/l	40000
09/08/05	Specific Conductance		10900		umho/cm	2.0
	2509070105	PC-99R3				
09/13/05	Perchlorate		7000		ug/l	800
09/08/05	Specific Conductance		4160		umho/cm	2.0
	2509070106	PC-115R				
09/12/05	Perchlorate		10000		ug/l	2000
09/08/05	Specific Conductance		4160		umho/cm	2.0
	2509070107	PC-116R				
09/12/05	Perchlorate		10000		ug/l	2000
09/08/05	Specific Conductance		5080		umho/cm	2.0
	2509070108	SEEP SURFACE FLOW				
09/12/05	Perchlorate		7000		ug/l	2000
09/08/05	Specific Conductance		5000		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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Samples Received
07-sep-2005 15:37:18

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2509070109	SF-1				
	2509070109	SF-1				
09/08/05	Specific Conductance		7110		umho/cm	2.0
	2509070110	PC-117				
09/12/05	Perchlorate		12000		ug/l	2000
09/08/05	Specific Conductance		5410		umho/cm	2.0
	2509070111	PC-118				
09/13/05	Perchlorate		18000		ug/l	2000
09/08/05	Specific Conductance		5210		umho/cm	2.0
	2509070112	PC-119				
09/13/05	Perchlorate		18000		ug/l	2000
09/08/05	Specific Conductance		5660		umho/cm	2.0
	2509070113	PC-120				
09/13/05	Perchlorate		9000		ug/l	2000
09/08/05	Specific Conductance		4860		umho/cm	2.0
	2509070114	PC-121				
09/13/05	Perchlorate		5000		ug/l	2000
09/13/05	Specific Conductance		4540		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.



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 #155962

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 Susan Crowley
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 Henderson , NV 89009

Samples Received
 07-sep-2005 15:37:18

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2509070114	PC-121				
	2509070115	PC-133				
09/13/05	Perchlorate		15000		ug/l	2000
09/13/05	Specific Conductance		6290		umho/cm	2.0



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Laboratory
Data Report
#155962

Kerr McGee Chemical Company -
Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received

09/07/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2509070097) Sampled on 09/06/05 05:30								
	09/12/05 18:57	286713	(EPA 314	) Perchlorate	63	ug/l	20	5
	09/08/05 12:15	286129	(2510B/ SW9050	) Specific Conductance	8500	umho/cm	2.0	1
ART-2 (2509070098) Sampled on 09/06/05 05:30								
	09/12/05 19:14	286713	(EPA 314	) Perchlorate	160000	ug/l	20000	5000
	09/08/05 12:15	286129	(2510B/ SW9050	) Specific Conductance	11600	umho/cm	2.0	1
ART-3 (2509070099) Sampled on 09/06/05 05:30								
	09/12/05 19:31	286713	(EPA 314	) Perchlorate	450000	ug/l	40000	10000
	09/08/05 12:15	286129	(2510B/ SW9050	) Specific Conductance	9260	umho/cm	2.0	1
ART-4 (2509070100) Sampled on 09/06/05 05:30								
	09/12/05 19:48	286713	(EPA 314	) Perchlorate	390000	ug/l	40000	10000
	09/08/05 12:15	286129	(2510B/ SW9050	) Specific Conductance	6760	umho/cm	2.0	1
ART-5 (2509070101) Sampled on 09/06/05 05:30								
	09/12/05 20:22	286713	(EPA 314	) Perchlorate	120000	ug/l	20000	5000
	09/08/05 12:15	286129	(2510B/ SW9050	) Specific Conductance	11500	umho/cm	2.0	1
ART-6 (2509070102) Sampled on 09/06/05 05:30								
	09/12/05 20:39	286713	(EPA 314	) Perchlorate	300000	ug/l	20000	5000
	09/08/05 12:15	286129	(2510B/ SW9050	) Specific Conductance	7730	umho/cm	2.0	1
ART-7 (2509070103) Sampled on 09/06/05 05:30								
	09/12/05 20:56	286713	(EPA 314	) Perchlorate	95000	ug/l	20000	5000
	09/08/05 12:15	286129	(2510B/ SW9050) Specific Conductance	11200	umho/cm	2.0	1



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Laboratory
Data Report
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Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2509070104) Sampled on 09/06/05 05:30								
	09/12/05 21:13	286713	(EPA 314	) Perchlorate	370000	ug/l	40000	10000
	09/08/05 12:31	286132	(2510B/ SW9050	) Specific Conductance	10900	umho/cm	2.0	1
PC-99R3 (2509070105) Sampled on 09/06/05 06:00								
	09/13/05 15:48	286773	(EPA 314	) Perchlorate	7000	ug/l	800	200
	09/08/05 12:31	286132	(2510B/ SW9050	) Specific Conductance	4160	umho/cm	2.0	1
PC-115R (2509070106) Sampled on 09/06/05 06:00								
	09/12/05 21:47	286713	(EPA 314	) Perchlorate	10000	ug/l	2000	500
	09/08/05 12:31	286132	(2510B/ SW9050	) Specific Conductance	4160	umho/cm	2.0	1
PC-116R (2509070107) Sampled on 09/06/05 06:00								
	09/12/05 22:04	286713	(EPA 314	) Perchlorate	10000	ug/l	2000	500
	09/08/05 12:31	286132	(2510B/ SW9050	) Specific Conductance	5080	umho/cm	2.0	1
SEEP SURFACE FLOW (2509070108) Sampled on 09/06/05 06:00								
	09/12/05 22:21	286713	(EPA 314	) Perchlorate	7000	ug/l	2000	500
	09/08/05 12:31	286132	(2510B/ SW9050	) Specific Conductance	5000	umho/cm	2.0	1
SF-1 (2509070109) Sampled on 09/06/05 06:00								
	09/12/05 00:00	286712	(EPA 314	) Perchlorate	ND	ug/l	4.0	2
	09/08/05 12:31	286132	(2510B/ SW9050	) Specific Conductance	7110	umho/cm	2.0	1
PC-117 (2509070110) Sampled on 09/06/05 06:00								
	09/12/05 22:55	286713	(EPA 314) Perchlorate	12000	ug/l	2000	500
	09/08/05 12:31	286132	(2510B/ SW9050) Specific Conductance	5410	umho/cm	2.0	1



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Laboratory
Data Report
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Kerr McGee Chemical Company -
Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-118 (2509070111) Sampled on 09/06/05 06:00								
	09/13/05 16:05	286773	(EPA 314	) Perchlorate	18000	ug/l	2000	500
	09/08/05 12:31	286132	(2510B/ SW9050	) Specific Conductance	5210	umho/cm	2.0	1
PC-119 (2509070112) Sampled on 09/06/05 06:00								
	09/13/05 16:22	286773	(EPA 314	) Perchlorate	18000	ug/l	2000	500
	09/08/05 12:31	286132	(2510B/ SW9050	) Specific Conductance	5660	umho/cm	2.0	1
PC-120 (2509070113) Sampled on 09/06/05 06:00								
	09/13/05 16:39	286773	(EPA 314	) Perchlorate	9000	ug/l	2000	500
	09/08/05 12:31	286132	(2510B/ SW9050	) Specific Conductance	4860	umho/cm	2.0	1
PC-121 (2509070114) Sampled on 09/06/05 06:00								
	09/13/05 16:56	286773	(EPA 314	) Perchlorate	5000	ug/l	2000	500
	09/13/05 11:37	286542	(2510B/ SW9050	) Specific Conductance	4540	umho/cm	2.0	1
PC-133 (2509070115) Sampled on 09/06/05 06:00								
	09/13/05 17:13	286773	(EPA 314) Perchlorate	15000	ug/l	2000	500
	09/13/05 11:37	286542	(2510B/ SW9050) Specific Conductance	6290	umho/cm	2.0	1



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Laboratory
QC Summary
#155962

Kerr McGee Chemical Company -
Henderson

QC Ref #286129 - Specific Conductance

Analysis Date: 09/08/2005

2509070097	ART-1	Analyzed by: sar
2509070098	ART-2	Analyzed by: sar
2509070099	ART-3	Analyzed by: sar
2509070100	ART-4	Analyzed by: sar
2509070101	ART-5	Analyzed by: sar
2509070102	ART-6	Analyzed by: sar
2509070103	ART-7	Analyzed by: sar

QC Ref #286132 - Specific Conductance

Analysis Date: 09/08/2005

2509070104	ART-8	Analyzed by: sar
2509070105	PC-99R3	Analyzed by: sar
2509070106	PC-115R	Analyzed by: sar
2509070107	PC-116R	Analyzed by: sar
2509070108	SEEP SURFACE FLOW	Analyzed by: sar
2509070109	SF-1	Analyzed by: sar
2509070110	PC-117	Analyzed by: sar
2509070111	PC-118	Analyzed by: sar
2509070112	PC-119	Analyzed by: sar
2509070113	PC-120	Analyzed by: sar

QC Ref #286542 - Specific Conductance

Analysis Date: 09/13/2005

2509070114	PC-121	Analyzed by: sar
2509070115	PC-133	Analyzed by: sar

QC Ref #286712 - Perchlorate

Analysis Date: 09/12/2005

2509070109	SF-1	Analyzed by: bxs
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QC Ref #286713 - Perchlorate

Analysis Date: 09/12/2005

2509070097	ART-1	Analyzed by: bxs
2509070098	ART-2	Analyzed by: bxs
2509070099	ART-3	Analyzed by: bxs
2509070100	ART-4	Analyzed by: bxs
2509070101	ART-5	Analyzed by: bxs
2509070102	ART-6	Analyzed by: bxs



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Laboratory
QC Summary
#155962

Kerr McGee Chemical Company -
Henderson
(continued)

2509070103	ART-7	Analyzed by: bxs
2509070104	ART-8	Analyzed by: bxs
2509070106	PC-115R	Analyzed by: bxs
2509070107	PC-116R	Analyzed by: bxs
2509070108	SEEP SURFACE FLOW	Analyzed by: bxs
2509070110	PC-117	Analyzed by: bxs

QC Ref #286773 - Perchlorate

Analysis Date: 09/13/2005

2509070105	PC-99R3	Analyzed by: bxs
2509070111	PC-118	Analyzed by: bxs
2509070112	PC-119	Analyzed by: bxs
2509070113	PC-120	Analyzed by: bxs
2509070114	PC-121	Analyzed by: bxs
2509070115	PC-133	Analyzed by: bxs



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QC Ref #286129 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	11200	11200	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	10.0	10.5	UMHO	105.0	(50-150)	

QC Ref #286132 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	4860	4910	UMHO		(0-20)	1.0
MRL_CHK	Specific Conductance	10.0	10.5	UMHO	105.0	(50-150)	

QC Ref #286542 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	1160	1110	UMHO		(0-20)	4.4
MRL_CHK	Specific Conductance	10.0	10.4	UMHO	104.0	(50-150)	

QC Ref #286712 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 25	09070116	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS2	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	2.8
LCS3	Perchlorate	4	4.3	UGL	107.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.4	UGL	101.6	(70-130)	
MSD	Perchlorate	25.0	25.4	UGL	101.6	(70-130)	0.00

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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Laboratory
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Kerr McGee Chemical Company -
Henderson
(continued)

QC Ref #286713

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS2	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	2.8
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.4	UGL	101.6	(70-130)	
MSD	Perchlorate	25.0	25.4	UGL	101.6	(70-130)	0.00

QC Ref #286773

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS2	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	0.41
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.9	UGL	99.6	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	0.81

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.

APPENDIX D
CD of QUARTERLY PERFORMANCE REPORT