

**Table E-3**  
**Qualifications Based on DQI Exceedances**  
Annual Performance Report for Chromium and Perchlorate  
Henderson, Nevada  
July 2006 - June 2007

Sample ID	SDG	Method	Analyte	Result	Units	Validation Qualifier	Reason Code	DQI	DQI Result
EB050107_05/01/07	203319	EPA 160.1	Total Dissolved Solids	10	mg/l	J+	j-be	Blanks	104 mg/L
EB-1_05/01/07	203332	EPA 160.1	Total Dissolved Solids	40	mg/l	J+	j-be	Blanks	104 mg/L
EB-2_05/02/07	203411	EPA 160.1	Total Dissolved Solids	38	mg/l	J+	j-be	Blanks	62 mg/L
EB050207_05/02/07	203423	EPA 160.1	Total Dissolved Solids	51	mg/l	J+	j-be	Blanks	104 mg/L
EB050307_05/03/07	203590	EPA 160.1	Total Dissolved Solids	29	mg/l	J+	j-be	Blanks	104 mg/L
EB043007_04/30/07	203157R	EPA 160.1	Total Dissolved Solids	10	mg/l	J+	j-be	Blanks	104 mg/L
EFFLUENT_01/29/07	194620	EPA 300.0	Nitrate (as N)	0.625	mg/l	UJ	uj-c	Calibration	no CCV
INFLUENT_01/29/07	194620	EPA 300.0	Nitrate (as N)	15.6	mg/l	J	j-c	Calibration	no CCV
I-V_05/03/07	203591	EPA 160.1	Total Dissolved Solids	14000	mg/l	J	j-f	Field Duplicates	108% RPD
I-V_05/03/07	203591	EPA 314	Perchlorate	1650000	ug/l	J	j-f	Field Duplicates	108% RPD
M-100_05/03/07	203591	EPA 160.1	Total Dissolved Solids	546	mg/l	J	j-f	Field Duplicates	108% RPD
M-100_05/03/07	203591	EPA 314	Perchlorate	12900	ug/l	J	j-f	Field Duplicates	108% RPD
M-101_05/03/07	203591	EPA 160.1	Total Dissolved Solids	3390	mg/l	J	j-f	Field Duplicates	108% RPD
M-101_05/03/07	203591	EPA 314	Perchlorate	100000	ug/l	J	j-f	Field Duplicates	108% RPD
M-102_05/03/07	203591	EPA 160.1	Total Dissolved Solids	1920	mg/l	J	j-f	Field Duplicates	108% RPD
M-102_05/03/07	203591	EPA 314	Perchlorate	92100	ug/l	J	j-f	Field Duplicates	108% RPD
M-12A_05/03/07	203591	EPA 160.1	Total Dissolved Solids	7910	mg/l	J	j-f	Field Duplicates	108% RPD
M-12A_05/03/07	203591	EPA 314	Perchlorate	283000	ug/l	J	j-f	Field Duplicates	108% RPD
M-13_05/03/07	203591	EPA 160.1	Total Dissolved Solids	3310	mg/l	J	j-f	Field Duplicates	108% RPD
M-13_05/03/07	203591	EPA 314	Perchlorate	18600	ug/l	J	j-f	Field Duplicates	108% RPD
M-36_05/03/07	203591	EPA 160.1	Total Dissolved Solids	15400	mg/l	J	j-f	Field Duplicates	108% RPD
M-36_05/03/07	203591	EPA 314	Perchlorate	1510000	ug/l	J	j-f	Field Duplicates	108% RPD
M-36_05/03/07	203591	SW 846 7196	Chromium-hexavalent	38	mg/l	J	j-h	Holding Time	108% RPD
M-68_05/03/07	203591	EPA 160.1	Total Dissolved Solids	5610	mg/l	J	j-f	Field Duplicates	108% RPD
M-68_05/03/07	203591	EPA 314	Perchlorate	35400	ug/l	J	j-f	Field Duplicates	108% RPD
M-73_05/03/07	203591	EPA 160.1	Total Dissolved Solids	2120	mg/l	J	j-f	Field Duplicates	108% RPD
M-73_05/03/07	203591	EPA 314	Perchlorate	86100	ug/l	J	j-f	Field Duplicates	108% RPD
M-74_05/03/07	203591	EPA 160.1	Total Dissolved Solids	6010	mg/l	J	j-f	Field Duplicates	108% RPD
M-74_05/03/07	203591	EPA 314	Perchlorate	33900	ug/l	J	j-f	Field Duplicates	108% RPD
M-83_05/03/07	203591	EPA 160.1	Total Dissolved Solids	1040	mg/l	J	j-f	Field Duplicates	108% RPD
M-83_05/03/07	203591	EPA 314	Perchlorate	7070	ug/l	J	j-f	Field Duplicates	108% RPD
M-84_05/03/07	203591	EPA 160.1	Total Dissolved Solids	1250	mg/l	J	j-f	Field Duplicates	108% RPD

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M-84_05/03/07	203591	EPA 314	Perchlorate	4100	ug/l	J	j-f	Field Duplicates	108% RPD
M-85_05/03/07	203591	EPA 160.1	Total Dissolved Solids	958	mg/l	J	j-f	Field Duplicates	108% RPD
M-85_05/03/07	203591	EPA 314	Perchlorate	17800	ug/l	J	j-f	Field Duplicates	108% RPD
M-86_05/03/07	203591	EPA 160.1	Total Dissolved Solids	3240	mg/l	J	j-f	Field Duplicates	108% RPD
M-86_05/03/07	203591	EPA 314	Perchlorate	295000	ug/l	J	j-f	Field Duplicates	108% RPD
M-87_05/03/07	203591	EPA 160.1	Total Dissolved Solids	2030	mg/l	J	j-f	Field Duplicates	108% RPD
M-87_05/03/07	203591	EPA 314	Perchlorate	121000	ug/l	J	j-f	Field Duplicates	108% RPD
M-88_05/03/07	203591	EPA 160.1	Total Dissolved Solids	6260	mg/l	J	j-f	Field Duplicates	108% RPD
M-88_05/03/07	203591	EPA 314	Perchlorate	47800	ug/l	J	j-f	Field Duplicates	108% RPD
M-92_05/03/07	203591	EPA 160.1	Total Dissolved Solids	1920	mg/l	J	j-f	Field Duplicates	108% RPD
M-92_05/03/07	203591	EPA 314	Perchlorate	695	ug/l	J	j-f	Field Duplicates	108% RPD
M-97_05/03/07	203591	EPA 160.1	Total Dissolved Solids	3770	mg/l	J	j-f	Field Duplicates	108% RPD
M-97_05/03/07	203591	EPA 314	Perchlorate	76800	ug/l	J	j-f	Field Duplicates	108% RPD
MD-2_05/03/07	203591	EPA 160.1	Total Dissolved Solids	1830	mg/l	J	j-f	Field Duplicates	108% RPD
MD-2_05/03/07	203591	EPA 314	Perchlorate	43400	ug/l	J	j-f	Field Duplicates	108% RPD
INFLUENT_01/08/07	192735	EPA 218.6	Chromium-hexavalent	1.7	ug/l	J	j-h	Holding Time	1.25 days
INFLUENT_02/05/07	195316	EPA 218.6	Chromium-hexavalent	69	ug/l	J	j-h	Holding Time	1.41 days
EFFLUENT_02/05/07	195316	EPA 218.6	Chromium-hexavalent	0.100	ug/l	UJ	uj-h	Holding Time	1.41 days
EFFLUENT_02/05/07	195318	EPA 300.0	Nitrate (as N)	5.000	mg/l	UJ	uj-h	Holding Time	2.29 days
EFFLUENT_03/19/07	199076	EPA 218.6	Chromium-hexavalent	0.100	ug/l	UJ	uj-h	Holding Time	1.01 days
INFLUENT_03/19/07	199076	EPA 218.6	Chromium-hexavalent	7.3	ug/l	J	j-h	Holding Time	1.02 days
FB-1_04/30/07	203068	SW 846 7196	Chromium-hexavalent	0.005	mg/l	UJ	uj-h	Holding Time	1.24 days
MD-1_04/30/07	203068	SW 846 7196	Chromium-hexavalent	0.99	mg/l	J	j-h	Holding Time	1.58 days
M-37_05/01/07	203332	SW 846 7196	Chromium-hexavalent	0.1	mg/l	UJ	uj-h	Holding Time	1.16 days
M-10_05/01/07	203332	SW 846 7196	Chromium-hexavalent	0.016	mg/l	J	j-h	Holding Time	1.17 days
EB-1_05/01/07	203332	SW 846 7196	Chromium-hexavalent	0.005	mg/l	UJ	uj-h	Holding Time	1.27 days
EB-2_05/02/07	203411	SW 846 7196	Chromium-hexavalent	0.005	mg/l	UJ	uj-h	Holding Time	1.02
FB050307_05/03/07	203590	EPA 160.1	Total Dissolved Solids	104	mg/l	J-	j-h	Holding Time	11.65 days
M-12A_05/03/07	203591	SW 846 7196	Chromium-hexavalent	14	mg/l	J	j-h	Holding Time	1.01 days
M-100_05/03/07	203591	SW 846 7196	Chromium-hexavalent	0.27	mg/l	J	j-h	Holding Time	1.02 days
M-84_05/03/07	203591	SW 846 7196	Chromium-hexavalent	0.046	mg/l	J	j-h	Holding Time	1.03 days
MD-2_05/03/07	203591	SW 846 7196	Chromium-hexavalent	0.31	mg/l	J	j-h	Holding Time	1.50 days

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M67D_05/04/07	203614	EPA 160.1	Total Dissolved Solids	7620	mg/l	J-	j-h	Holding Time	10.88 days
ART-1_05/07/07	203746	EPA 160.1	Total Dissolved Solids	82700	mg/l	J-	j-h	Holding Time	24.23 days
ART-2_05/07/07	203746	EPA 160.1	Total Dissolved Solids	10600	mg/l	J-	j-h	Holding Time	24.23 days
ART-3_05/07/07	203746	EPA 160.1	Total Dissolved Solids	88300	mg/l	J-	j-h	Holding Time	24.23 days
ART-4_05/07/07	203746	EPA 160.1	Total Dissolved Solids	6550	mg/l	J-	j-h	Holding Time	24.23 days
ART-7_05/07/07	203746	EPA 160.1	Total Dissolved Solids	10600	mg/l	J-	j-h	Holding Time	24.23 days
ART-8_05/07/07	203746	EPA 160.1	Total Dissolved Solids	10040	mg/l	J-	j-h	Holding Time	24.23 days
PC-117_05/21/07	205321	EPA 160.1	Total Dissolved Solids	4110	mg/l	J-	j-h	Holding Time	16.31 days
EFFLUENT_05/21/07	205408	EPA 300.0	Nitrate (as N)	5	mg/l	UJ	uj-h	Holding Time	2.13 days
SF-1_06/11/07	207169	EPA 160.1	Total Dissolved Solids	6400	mg/l	J-	j-h	Holding Time	11.38 days
PC-122_06/11/07	207600	EPA 160.1	Total Dissolved Solids	9520	mg/l	J-	j-h	Holding Time	8.19 days
PC-68_06/11/07	207600	EPA 160.1	Total Dissolved Solids	2140	mg/l	J-	j-h	Holding Time	8.20 days
PC-62_06/11/07	207600	EPA 160.1	Total Dissolved Solids	3450	mg/l	J-	j-h	Holding Time	8.21 days
PC-59_06/11/07	207600	EPA 160.1	Total Dissolved Solids	5140	mg/l	J-	j-h	Holding Time	8.21 days
PC-60_06/11/07	207600	EPA 160.1	Total Dissolved Solids	3970	mg/l	J-	j-h	Holding Time	8.21 days
PC-56_06/11/07	207600	EPA 160.1	Total Dissolved Solids	4380	mg/l	J-	j-h	Holding Time	8.22 days
PC-58_06/11/07	207600	EPA 160.1	Total Dissolved Solids	6000	mg/l	J-	j-h	Holding Time	8.22 days
PC-121_06/18/07	207885	EPA 160.1	Total Dissolved Solids	2650	mg/l	J-	j-h	Holding Time	17.31 days
EFFLUENT_03/26/07	199684	EPA 218.6	Chromium-hexavalent	0.100	ug/l	UJ	uj-m	Matrix Spikes	79.5%-71.5%
INFLUENT_03/26/07	199684	EPA 218.6	Chromium-hexavalent	4.7	ug/l	J-	j-m	Matrix Spikes	79.5%-71.5%
EFFLUENT_02/05/07	195318	EPA 300.1B	Chlorate	50.000	ug/l	UJ	uj-t	Temperature	11°C
EFFLUENT_02/05/07	195318	EPA 314	Perchlorate	10.000	ug/l	UJ	uj-t	Temperature	11°C
INFLUENT_02/05/07	195318	EPA 300.0	Nitrate (as N)	17	mg/l	J-	j-t	Temperature	11°C
INFLUENT_02/05/07	195318	EPA 300.1B	Chlorate	411000	ug/l	J-	j-t	Temperature	11°C
INFLUENT_02/05/07	195318	EPA 314	Perchlorate	203000	ug/l	J-	j-t	Temperature	11°C