



Well ID: PCI

Low Flow Ground Water Sample Collection Record

Client: Tronox Date: 5-1-07 Time: Start 0725 am/pm
 Project No: 04020-023-115 Finish 0753 am/pm
 Site Location: Henderson, NV
 Weather Conds: warm, partly cloudy, ~80°F Collector(s): B. Ho, Z Diernier, E Nelson

1. WATER LEVEL DATA: (measured from Top of Casing)
 a. Total Well Length 27.49 c. Length of Water Column _____ (a-b) Casing Diameter/Material 2" PVC
 b. Water Table Depth 24.95 d. Calculated System Volume (see back) _____

2. WELL PURGE DATA
 a. Purge Method: _____
 b. Acceptance Criteria defined (see workplan)
 - Temperature 5% -D.O. 10%
 - pH ± 1.0 unit - ORP ± 10mV
 - Sp. Cond. 5% - Drawdown < 0.3' (3.6-inches)
 c. Field Testing Equipment used: _____ Make _____ Model _____ Serial Number _____

Time (24hr)	Volume Remove (Liters)	Temp. (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Flow Rate (ml/min)	Drawdown (ft)	Color/Odor
0751		23.83	7.49	7672	5.32	10.5				BROWN NO ODOR

d. Acceptance criteria pass/fail
 Has required volume been removed Yes No N/A
 Has required turbidity been reached Yes No N/A
 Have parameters stabilized Yes No N/A
 If no or N/A - Explain below. _____

e. Control box setting: _____ cpm _____ psi

3. SAMPLE COLLECTION: Method: _____

Sample ID	Container Type	No. of Containers	Preservation	Analysis Req.	Time
PCI	125 mL poly	1	None	Perchlorate	0745
PCI	125 mL poly	1	None	TDS	0745
	60 mL poly	1	EDA	Chlorate	
	125 mL poly	1	None	Nitrate	
PCI	125 mL poly	1	HNO ₃	Total Chromium	0745

(continued on back)

Signature [Signature] Date 5-1-07



Well ID: PC2

Low Flow Ground Water Sample Collection Record

Client: Tronox Date: 5-1-07 Time: Start 0800 am/pm
 Project No: 04020-023-115 Finish 0825 am/pm
 Site Location: Henderson, NV
 Weather Conds: warm, partly cloudy ~ 80°F Collector(s): Z Diemic, B. Ho, E Nelson

1. WELL LEVEL DATA: (measured from Top of Casing)
 a. Total Well Length 33.51 c. Length of Water Column _____ (a-b) Casing Diameter/Material 2" PVC
 b. Water Table Depth 18.65 d. Calculated System Volume (see back) _____

2. WELL PURGE DATA
 a. Purge Method: _____
 b. Acceptance Criteria defined (see workplan)
 - Temperature 5% -D.O. 10%
 - pH ± 1.0 unit - ORP ± 10mV
 - Sp. Cond. 5% - Drawdown < 0.3' (3.6-inches)
 c. Field Testing Equipment used: Make _____ Model _____ Serial Number _____

Time (24hr)	Volume Remove (Liters)	Temp. (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Flow Rate (ml/min)	Drawdown (ft)	Color/Odor
0820		24.94	7.65	6185	2.52	49.1				Cloudy Brown No odor

d. Acceptance criteria pass/fail
 Has required volume been removed Yes No N/A
 Has required turbidity been reached Yes No N/A
 Have parameters stabilized Yes No N/A
 If no or N/A - Explain below.

e. Control box setting: _____ cpm _____ psi

3. SAMPLE COLLECTION: Method: _____

Sample ID	Container Type	No. of Containers	Preservation	Analysis Req.	Time
PC2 ↓	125 mL poly	1	None	Perchlorate	0810 ↓
	125 mL poly	1	None	TDS	
	60 mL poly	1	EDA	Chlorate	
	125 mL poly	1	None	Nitrate	
	125 mL poly	1	HNO ₃	Total Chromium	

(continued on back)

Signature [Signature] Date 5-1-07



Well ID: PC110

Low Flow Ground Water Sample Collection Record

Client: Tronox Date: 5-1-07 Time: Start 0902 am/pm
 Project No: 04020-023-115 Finish 0930 am/pm
 Site Location: Henderson, NV
 Weather Conds: warm partly cloudy, ~82°F Collector(s): E. Nelson, B. Ho, Z. Diarmie

1. WATER LEVEL DATA: (measured from Top of Casing)

a. Total Well Length 19.55 c. Length of Water Column _____ (a-b) Casing Diameter/Material 2" PVC
 b. Water Table Depth 13.28 d. Calculated System Volume (see back) _____ roots in the well around 19ft.

2. WELL PURGE DATA

a. Purge Method: _____

b. Acceptance Criteria defined (see workplan)

- Temperature 5% -D.O. 10%
- pH ± 1.0 unit - ORP ± 10mV
- Sp. Cond. 5% - Drawdown < 0.3' (3.6-inches)

c. Field Testing Equipment used: _____ Make _____ Model _____ Serial Number _____

Time (24hr)	Volume Remove (Liters)	Temp. (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Flow Rate (ml/min)	Drawdown (ft)	Color/Odor
0914		24.37	7.48	6376	2.97	37.0				CLEAR NO ODOR

d. Acceptance criteria pass/fail

	Yes	No	N/A
Has required volume been removed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has required turbidity been reached	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have parameters stabilized	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If no or N/A - Explain below.

(continued on back)

e. Control box setting: _____ cpm _____ psi

3. SAMPLE COLLECTION: Method: _____

Sample ID	Container Type	No. of Containers	Preservation	Analysis Req.	Time
PC110	125 mL poly	1	None	Perchlorate	0918
PC110	125 mL poly	1	None	TDS	0915
	60 mL poly	1	EDA	Chlorate	
	125 mL poly	1	None	Nitrate	
	125 mL poly	1	HNO ₃	Total Chromium	

(continued on back)

Signature [Signature] Date 5-1-07



Well ID: PC108

Low Flow Ground Water Sample Collection Record

Client: Tronox Date: 5-1-07 Time: Start 0933 am/pm
 Project No: 04020-023-115 Finish 0955 am/pm
 Site Location: Henderson, NV
 Weather Conds: overcast, warm ~90°F Collector(s): B. Ho, E. Nelson, Z Diermier

1. WATER LEVEL DATA: (measured from Top of Casing)
 a. Total Well Length 40.20 c. Length of Water Column _____ (a-b) Casing Diameter/Material 2" PVC
 b. Water Table Depth 11.58 d. Calculated System Volume (see back) _____

2. WELL PURGE DATA
 a. Purge Method: _____
 b. Acceptance Criteria defined (see workplan)
 - Temperature 5% -D.O. 10%
 - pH ± 1.0 unit - ORP ± 10mV
 - Sp. Cond. 5% - Drawdown < 0.3' (3.6-inches)

c. Field Testing Equipment used:

Make	Model	Serial Number

Time (24hr)	Volume Remove (Liters)	Temp. (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Flow Rate (ml/min)	Drawdown (ft)	Color/Odor
0949		20.72	7.60	3080	5.68	-17.2				lightly cloudy NO ODOR

d. Acceptance criteria pass/fail

	Yes	No	N/A
Has required volume been removed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has required turbidity been reached	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have parameters stabilized	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If no or N/A - Explain below.

e. Control box setting: _____ cpm _____ psi

3. SAMPLE COLLECTION: Method: _____

Sample ID	Container Type	No. of Containers	Preservation	Analysis Req.	Time
PC108	125 mL poly	1	None	Perchlorate	0950
PC108	125 mL poly	1	None	TDS	0950
	60 mL poly	1	EDA	Chlorate	
	125 mL poly	1	None	Nitrate	
	125 mL poly	1	HNO ₃	Total Chromium	

Signature [Signature] Date 5-1-07



Well ID: PC112

Low Flow Ground Water Sample Collection Record

Client: Tronox Date: 5-1-07 Time: Start 1005 am/pm
 Project No: 04020-023-115 Finish _____ am/pm
 Site Location: Henderson, NV
 Weather Conds: overcast, warm, ~90°F Collector(s): B. Ho, E. Nelson, Z. Diermier

1. WATER LEVEL DATA: (measured from Top of Casing)

a. Total Well Length _____ c. Length of Water Column _____ (a-b) Casing Diameter/Material _____

b. Water Table Depth 13.04 d. Calculated System Volume (see back) _____
roots @ ~15ft

2. WELL PURGE DATA

a. Purge Method: _____

- b. Acceptance Criteria defined (see workplan)
- Temperature 5% -D.O. 10%
 - pH ± 1.0 unit - ORP ± 10mV
 - Sp. Cond. 5% - Drawdown < 0.3' (3.6-inches)

c. Field Testing Equipment used: _____ Make _____ Model _____ Serial Number _____

Time (24hr)	Volume Remove (Liters)	Temp. (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Flow Rate (ml/min)	Drawdown (ft)	Color/Odor

d. Acceptance criteria pass/fail

Has required volume been removed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has required turbidity been reached	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have parameters stabilized	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If no or N/A - Explain below.

(continued on back)

e. Control box setting: _____ cpm _____ psi

3. SAMPLE COLLECTION: Method: _____

Sample ID	Container Type	No. of Containers	Preservation	Analysis Req.	Time
<u>PC112</u>	125 mL poly	1	None	Perchlorate	<u>1015</u>
<u>PC112</u>	125 mL poly	1	None	TDS	<u>1015</u>
	60 mL poly	1	EDA	Chlorate	
	125 mL poly	1	None	Nitrate	
	125 mL poly	1	HNO ₃	Total Chromium	

(continued on back)

Signature [Signature] Date 5-1-07



Well ID: PC62

Low Flow Ground Water Sample Collection Record

Client: Tronox Date: 5-1-07 Time: Start 1035 am/pm
 Project No: 04020-023-115 Finish 1053 am/pm
 Site Location: Henderson, NV
 Weather Conds: warm, overcast, ~ 88°F Collector(s): B. Ho, E. Nelson, & Diarmid

1. WATER LEVEL DATA: (measured from Top of Casing)
 a. Total Well Length 32.41 c. Length of Water Column _____ (a-b) Casing Diameter/Material 2" PVC
 b. Water Table Depth 11.21 d. Calculated System Volume (see back) _____

2. WELL PURGE DATA
 a. Purge Method: _____
 b. Acceptance Criteria defined (see workplan)
 - Temperature 5% -D.O. 10%
 - pH ± 1.0 unit - ORP ± 10mV
 - Sp. Cond. 5% - Drawdown < 0.3' (3.6-inches)
 c. Field Testing Equipment used: Make Model Serial Number

Time (24hr)	Volume Remove (Liters)	Temp. (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Flow Rate (ml/min)	Drawdown (ft)	Color/Odor
1047		23.48	7.44	4028	1.55	24.9				CLOUDY NO ODOR

d. Acceptance criteria pass/fail
 Has required volume been removed Yes No N/A
 Has required turbidity been reached Yes No N/A
 Have parameters stabilized Yes No N/A
 If no or N/A - Explain below.

e. Control box setting: _____ cpm _____ psi

3. SAMPLE COLLECTION: Method: _____

Sample ID	Container Type	No. of Containers	Preservation	Analysis Req.	Time
PC62	125 mL poly	1	None	Perchlorate	1045
PC62	125 mL poly	1	None	TDS	1045
	60 mL poly	1	EDA	Chlorate	
	125 mL poly	1	None	Nitrate	
PC62	125 mL poly	1	HNO ₃	Total Chromium	1045

(continued on back)

Signature [Signature] Date 5-1-07



Well ID: PC107

Low Flow Ground Water Sample Collection Record

Client: Tronox Date: 5-1-07 Time: Start 1120 am/pm
 Project No: 04020-023-115 Finish 1140 am/pm
 Site Location: Henderson, NV
 Weather Conds: Hot, partly cloudy ~ 90°F Collector(s): B. Ho, E. Nelson, Z. Diermier

1. WATER LEVEL DATA: (measured from Top of Casing)

a. Total Well Length 12.47 c. Length of Water Column _____ (a-b) Casing Diameter/Material 2" PVC
 b. Water Table Depth 8.88 d. Calculated System Volume (see back) _____

2. WELL PURGE DATA

a. Purge Method: _____

b. Acceptance Criteria defined (see workplan)

- Temperature 5% -D.O. 10%
- pH ± 1.0 unit - ORP ± 10mV
- Sp. Cond. 5% - Drawdown < 0.3' (3.6-inches)

c. Field Testing Equipment used: _____ Make _____ Model _____ Serial Number _____

Time (24hr)	Volume Remove (Liters)	Temp. (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Flow Rate (ml/min)	Drawdown (ft)	Color/Odor
1134		26.23	7.38	4862	1.75	58.4				Cloudy Brown No odor

d. Acceptance criteria pass/fail

Has required volume been removed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has required turbidity been reached	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have parameters stabilized	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If no or N/A - Explain below.

(continued on back)

e. Control box setting: _____ cpm _____ psi

3. SAMPLE COLLECTION: Method: _____

Sample ID	Container Type	No. of Containers	Preservation	Analysis Req.	Time
PC107	125 mL poly	1	None	Perchlorate	1136
PC107	125 mL poly	1	None	TDS	1135
	60 mL poly	1	EDA	Chlorate	
	125 mL poly	1	None	Nitrate	
	125 mL poly	1	HNO ₃	Total Chromium	

(continued on back)

Signature [Signature] Date 5-1-07



Well ID: HSW-1

Low Flow Ground Water Sample Collection Record

Client: Tronox Date: 5-1-07 Time: Start 1300 am/pm
 Project No: 04020-023-115 Finish 1315 am/pm
 Site Location: Henderson, NV
 Weather Conds: hot, breezy, ~95°F Collector(s): B. Ho, Z. Diermies, E. Nelson

1. WATER LEVEL DATA: (measured from Top of Casing)
 a. Total Well Length 23.78 c. Length of Water Column _____ (a-b) Casing Diameter/Material 2" PVC
 b. Water Table Depth 13.44 d. Calculated System Volume (see back) _____

2. WELL PURGE DATA
 a. Purge Method: _____
 b. Acceptance Criteria defined (see workplan)
 - Temperature 5% -D.O. 10%
 - pH ± 1.0 unit - ORP ± 10mV
 - Sp. Cond. 5% - Drawdown < 0.3' (3.6-inches)

c. Field Testing Equipment used:

Make	Model	Serial Number

Time (24hr)	Volume Remove (Liters)	Temp. (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Flow Rate (ml/min)	Drawdown (ft)	Color/Odor
1312		26.54	7.91	5651	3.37	-39.1				slightly cloudy no odor

d. Acceptance criteria pass/fail

	Yes	No	N/A
Has required volume been removed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has required turbidity been reached	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have parameters stabilized	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If no or N/A - Explain below.

e. Control box setting: _____ cpm _____ psi

3. SAMPLE COLLECTION: Method: _____

Sample ID	Container Type	No. of Containers	Preservation	Analysis Req.	Time
HSW-1	125 mL poly	1	None	Perchlorate	1310
HSW-1	125 mL poly	1	None	TDS	1310
	60 mL poly	1	EDA	Chlorate	
	125 mL poly	1	None	Nitrate	
	125 mL poly	1	HNO ₃	Total Chromium	

Signature [Signature] Date 5-1-07



Well ID: HM2

Low Flow Ground Water Sample Collection Record

Client: Tronox Date: 5-1-07 Time: Start 1330 am/pm
 Project No: 04020-023-115 Finish 1342 am/pm
 Site Location: Henderson, NV
 Weather Conds: hot, breezy ~97°F Collector(s): ZDiermic E. Nelson, B. Ho

1. WELL LEVEL DATA: (measured from Top of Casing)
 a. Total Well Length 36.89 c. Length of Water Column _____ (a-b) Casing Diameter/Material 2" PVC
 b. Water Table Depth 12.49 d. Calculated System Volume (see back) _____

2. WELL PURGE DATA
 a. Purge Method: _____
 b. Acceptance Criteria defined (see workplan)
 - Temperature 5% -D.O. 10%
 - pH ± 1.0 unit - ORP ± 10mV
 - Sp. Cond. 5% - Drawdown < 0.3' (3.6-inches)
 c. Field Testing Equipment used: Make Model Serial Number

Time (24hr)	Volume Remove (Liters)	Temp. (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Flow Rate (ml/min)	Drawdown (ft)	Color/Odor
1342		23.39	7.71	4757	3.11	2.8				BROWN NO ODOR

d. Acceptance criteria pass/fail
 Has required volume been removed Yes No N/A
 Has required turbidity been reached Yes No N/A
 Have parameters stabilized Yes No N/A
 If no or N/A - Explain below.

e. Control box setting: _____ cpm _____ psi

3. SAMPLE COLLECTION: Method: _____

Sample ID	Container Type	No. of Containers	Preservation	Analysis Req.	Time
HM2	125 mL poly	1	None	Perchlorate	1340
HM2	125 mL poly	1	None	TDS	1340
	60 mL poly	1	EDA	Chlorate	
	125 mL poly	1	None	Nitrate	
	125 mL poly	1	HNO ₃	Total Chromium	

Signature [Signature] Date 5-1-07



Well ID: DM 4

Low Flow Ground Water Sample Collection Record

Client: Tronox Date: 5-1-07 Time: Start 1405 am/pm
 Project No: 04020-023-115 Finish 1415 am/pm
 Site Location: Henderson, NV
 Weather Conds: hot, breezy, ~97°F Collector(s): B. Ho, E. Nelson, Z Diermier

1. WATER LEVEL DATA: (measured from Top of Casing)

a. Total Well Length c. Length of Water Column (a-b) Casing Diameter/Material 2" PVC
 b. Water Table Depth Dry d. Calculated System Volume (see back) Dry well

2. WELL PURGE DATA

a. Purge Method:

b. Acceptance Criteria defined (see workplan)
 - Temperature 5% -D.O. 10%
 - pH ± 1.0 unit - ORP ± 10mV
 - Sp. Cond. 5% - Drawdown < 0.3' (3.6-inches)

c. Field Testing Equipment used: Make Model Serial Number

Time (24hr)	Volume Remove (Liters)	Temp. (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Flow Rate (ml/min)	Drawdown (ft)	Color/Odor

d. Acceptance criteria pass/fail

Has required volume been removed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has required turbidity been reached	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have parameters stabilized	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If no or N/A - Explain below.

e. Control box setting: cpm psi

3. SAMPLE COLLECTION: Method:

Sample ID	Container Type	No. of Containers	Preservation	Analysis Req.	Time
<u>DM4</u>	125 mL poly	1	None	Perchlorate	<u>1415</u>
<u>DM4</u>	125 mL poly	1	None	TDS	<u>1415</u>
	60 mL poly	1	EDA	Chlorate	
	125 mL poly	1	None	Nitrate	
<u>DM4</u>	125 mL poly	1	HNO ₃	Total Chromium	<u>1415</u>

(continued on back)

Signature [Signature] Date 5-1-07



Well ID: DM5

Low Flow Ground Water Sample Collection Record

Client: Tronox Date: 5-1-07 Time: Start 1420 am/pm
 Project No: 04020-023-115 Finish _____ am/pm
 Site Location: Henderson, NV
 Weather Conds: hot, breezy, ~98°F Collector(s): B. Ho, Z. Diermier, E. Nelson

1. WATER LEVEL DATA: (measured from Top of Casing)
 a. Total Well Length 23.61 c. Length of Water Column _____ (a-b) Casing Diameter/Material 2" PVC
 b. Water Table Depth 23.36 d. Calculated System Volume (see back) _____ Dry Well

2. WELL PURGE DATA
 a. Purge Method: _____
 b. Acceptance Criteria defined (see workplan)
 - Temperature 5% -D.O. 10%
 - pH ± 1.0 unit - ORP ± 10mV
 - Sp. Cond. 5% - Drawdown < 0.3' (3.6-inches)
 c. Field Testing Equipment used: Make _____ Model _____ Serial Number _____

Time (24hr)	Volume Remove (Liters)	Temp. (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Flow Rate (ml/min)	Drawdown (ft)	Color/Odor

d. Acceptance criteria pass/fail Yes No N/A (continued on back)
 Has required volume been removed
 Has required turbidity been reached
 Have parameters stabilized
 If no or N/A - Explain below.

e. Control box setting: _____ cpm _____ psi

3. SAMPLE COLLECTION: Method: _____

Sample ID	Container Type	No. of Containers	Preservation	Analysis Req.	Time
	125 mL poly	1	None	Perchlorate	
	125 mL poly	1	None	TDS	
	60 mL poly	1	EDA	Chlorate	
	125 mL poly	1	None	Nitrate	
	125 mL poly	1	HNO ₃	Total Chromium	

(continued on back)

Signature [Signature] Date 5-1-07



Well ID: LK3

Low Flow Ground Water Sample Collection Record

Client: Tronox Date: 5-1-07 Time: Start 1440 am/pm
 Project No: 04020-023-115 Finish 1457 am/pm
 Site Location: Henderson, NV
 Weather Conds: hot, breezy, ~90F Collector(s): B. Ho, Z Diermie, E Nelson

1. WATER LEVEL DATA: (measured from Top of Casing)

a. Total Well Length 29.95 c. Length of Water Column _____ (a-b) Casing Diameter/Material 2" PVC
 b. Water Table Depth 7.45 d. Calculated System Volume (see back) _____

2. WELL PURGE DATA

a. Purge Method: _____

b. Acceptance Criteria defined (see workplan)

- Temperature 5% -D.O. 10%
- pH ± 1.0 unit - ORP ± 10mV
- Sp. Cond. 5% - Drawdown < 0.3' (3.6-inches)

c. Field Testing Equipment used: _____ Make _____ Model _____ Serial Number _____

Time (24hr)	Volume Remove (Liters)	Temp. (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Flow Rate (ml/min)	Drawdown (ft)	Color/Odor
1453		27.87	7.48	13165	2.10	-128.4				CLOUDY Metallic odor

d. Acceptance criteria pass/fail

	Yes	No	N/A
Has required volume been removed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has required turbidity been reached	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have parameters stabilized	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If no or N/A - Explain below.

(continued on back)

e. Control box setting: _____ cpm _____ psi

3. SAMPLE COLLECTION: Method: _____

Sample ID	Container Type	No. of Containers	Preservation	Analysis Req.	Time
LK3	125 mL poly	1	None	Perchlorate	
LK3 LK3	125 mL poly	1	None	TDS	
	60 mL poly	1	EDA	Chlorate	
	125 mL poly	1	None	Nitrate	
	125 mL poly	1	HNO ₃	Total Chromium	

(continued on back)

Signature [Signature] Date 5-1-07



Well ID: PC67

Low Flow Ground Water Sample Collection Record

Client: Tronox Date: 5-1-07 Time: Start 1505 am/pm
 Project No: 04020-023-115 Finish 1522 am/pm
 Site Location: Henderson, NV
 Weather Conds: hot, breezy, ~92°F Collector(s): B. Ho, B. Diermire, E. Nelson

1. WATER LEVEL DATA: (measured from Top of Casing)
 a. Total Well Length 34.18 c. Length of Water Column _____ (a-b) Casing Diameter/Material 2" PVC
 b. Water Table Depth 11.17 d. Calculated System Volume (see back) _____

2. WELL PURGE DATA
 a. Purge Method: _____
 b. Acceptance Criteria defined (see workplan)
 - Temperature 5% -D.O. 10%
 - pH ± 1.0 unit - ORP ± 10mV
 - Sp. Cond. 5% - Drawdown < 0.3' (3.6-inches)
 c. Field Testing Equipment used: Make Model Serial Number

Time (24hr)	Volume Remove (Liters)	Temp. (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Flow Rate (ml/min)	Drawdown (ft)	Color/Odor
1518		26.70	7.37	10598	4.23	15.1				Cloudy Brown No odor

d. Acceptance criteria pass/fail
 Has required volume been removed Yes No N/A
 Has required turbidity been reached Yes No N/A
 Have parameters stabilized Yes No N/A
 If no or N/A - Explain below.

e. Control box setting: _____ cpm _____ psi

3. SAMPLE COLLECTION: Method: _____

Sample ID	Container Type	No. of Containers	Preservation	Analysis Req.	Time
PC67	125 mL poly	1	None	Perchlorate	1515
PC67	125 mL poly	1	None	TDS	1515
	60 mL poly	1	EDA	Chlorate	
	125 mL poly	1	None	Nitrate	
PC67	125 mL poly	1	HNO ₃	Total Chromium	1515

Signature [Signature] Date 5-1-07



Well ID: PC66

Low Flow Ground Water Sample Collection Record

Client: Tronox Date: 5-1-07 Time: Start 1524 am/pm
 Project No: 04020-023-115 Finish 1543 am/pm
 Site Location: Henderson, NV
 Weather Conds: hot, breezy, ~90°F Collector(s): B. Ho

1. WATER LEVEL DATA: (measured from Top of Casing)
 a. Total Well Length 26.46 c. Length of Water Column _____ (a-b) Casing Diameter/Material 2" PVC
 b. Water Table Depth 10.50 d. Calculated System Volume (see back) _____

2. WELL PURGE DATA
 a. Purge Method: _____
 b. Acceptance Criteria defined (see workplan)
 - Temperature 5% -D.O. 10%
 - pH ± 1.0 unit - ORP ± 10mV
 - Sp. Cond. 5% - Drawdown < 0.3' (3.6-inches)
 c. Field Testing Equipment used: Make Model Serial Number

Time (24hr)	Volume Remove (Liters)	Temp. (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Flow Rate (ml/min)	Drawdown (ft)	Color/Odor
1550		85.47	7.47	8528	1.39	14.9				brown NO ODO2

d. Acceptance criteria pass/fail
 Has required volume been removed Yes No N/A
 Has required turbidity been reached Yes No N/A
 Have parameters stabilized Yes No N/A
 If no or N/A - Explain below.

e. Control box setting: _____ cpm _____ psi

3. SAMPLE COLLECTION: Method: _____

Sample ID	Container Type	No. of Containers	Preservation	Analysis Req.	Time
PC66	125 mL poly	1	None	Perchlorate	1535
PC66	125 mL poly	1	None	TDS	1535
	60 mL poly	1	EDA	Chlorate	
	125 mL poly	1	None	Nitrate	
PC66	125 mL poly	1	HNO ₃	Total Chromium	1535

Signature [Signature] Date 5-1-07



Well ID: PC65

Low Flow Ground Water Sample Collection Record

Client: Tronox Date: 5-1-07 Time: Start 1543 am/pm
 Project No: 04020-023-115 Finish 1557 am/pm
 Site Location: Henderson, NV
 Weather Conds: Hot, breezy, ~90F Collector(s): B. Ho, E. Nelson, Z Diermier

1. WATER LEVEL DATA: (measured from Top of Casing)
 a. Total Well Length 19.15 c. Length of Water Column _____ (a-b) Casing Diameter/Material 2" PVC
 b. Water Table Depth 6.47 d. Calculated System Volume (see back) _____

2. WELL PURGE DATA
 a. Purge Method: _____
 b. Acceptance Criteria defined (see workplan)
 - Temperature 5% -D.O. 10%
 - pH ± 1.0 unit - ORP ± 10mV
 - Sp. Cond. 5% - Drawdown < 0.3' (3.6-inches)
 c. Field Testing Equipment used: Make Model Serial Number

Time (24hr)	Volume Remove (Liters)	Temp. (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Flow Rate (ml/min)	Drawdown (ft)	Color/Odor
1554		25.21	7.44	7840	1.78	44.4				brown No odor

d. Acceptance criteria pass/fail
 Has required volume been removed Yes No N/A
 Has required turbidity been reached Yes No N/A
 Have parameters stabilized Yes No N/A
 If no or N/A - Explain below.

e. Control box setting: _____ cpm _____ psi

3. SAMPLE COLLECTION: Method: _____

Sample ID	Container Type	No. of Containers	Preservation	Analysis Req.	Time
<u>PC65</u>	125 mL poly	1	None	Perchlorate	1555
<u>PC65</u>	125 mL poly	1	None	TDS	1555
	60 mL poly	1	EDA	Chlorate	
	125 mL poly	1	None	Nitrate	
<u>PC65</u>	125 mL poly	1	HNO ₃	Total Chromium	1555

(continued on back)

Signature [Signature] Date 5-1-07



MWH Laboratories

MONTGOMERY WATSON HARZA

CHAIN OF CUSTODY RECORD

MWH LABS USE ONLY

750 Royal Oaks, Suite 100
 Monrovia, California 91016
 Phone: (626) 386-1100
 (800) 566-5227
 Fax: (626) 386-1101

LOGIN COMMENTS:

SAMPLES CHECKED AGAINST COC BY:

SAMPLES LOGGED IN BY:

SAMPLE TEMP WHEN REC'D AT LAB:

(Compliance: 4 +/- 2°C)

SAMPLES REC'D DAY OF COLLECTION

(check for yes)

CONDITION OF BLUE ICE:

FROZEN

PARTIALLY FROZEN

THAWED

(check for yes)

(check for yes)

TO BE COMPLETED BY SAMPLER

COMPANY, UTILITY or PROJECT: Troxox	SYSTEM #:	COMPLIANCE SAMPLES - Requires state forms <input type="checkbox"/>	NON-COMPLIANCE SAMPLES REGULATION INVOLVED: <input type="checkbox"/>
MWH LABS CLIENT CODE: Kerr McGee - NV	P.O. # / JOB # / PROJECT: C104	Type of samples (circle one): ROUTINE SPECIAL CONFIRMATION (eg SDWA, Phase V, NPDES, FDA...)	

SEE ATTACHED BOTTLE ORDER FOR ANALYSES (check for yes), **OR**
 LIST ANALYSES REQUIRED BELOW (enter number of bottles sent for each test for each sample)

SAMPLER PRINTED NAME AND SIGNATURE:
Zoe Diermier

TAT requested: rush by adv notice only
 STD 1 week 3 day 2 day 1 day

SAMPLE DATE	SAMPLE TIME	SITE NAME OR SAMPLE I.D.	STATION # or LOCATION	MATRIX *	GRAB	COMP	C104	CR6010	TDS	CL034050	NO34056	SAMPLER COMMENTS
5-1-07	0745	PC1		RGW	X		X	X	X			Short Hold
5-1-07	0810	PC2		RGW	X		X	X	X	X		Time on
5-1-07		PC2D		RGW	X		X	X	X	X		NITRATE
5-1-07	0915	PC10		RGW	X		X	X	X	X		no Samples
5-1-07	0950	PC108		RGW	X		X	X				
5-1-07	1015	PC12		RGW	X		X	X	X	X		no
5-1-07	1045	PC62		RGW	X		X	X	X			
5-1-07	1135	PC107		RGW	X		X	X				
5-1-07	1310	HSW-1		RGW	X		X	X				
5-1-07	1340	HM2		RGW	X		X	X				

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

SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
<i>Zoe Diermier</i>	Zoe Diermier	ENSR	5/1/07	1625
RECEIVED BY:				
RELINQUISHED BY:				
RECEIVED BY:				
RELINQUISHED BY:				
RECEIVED BY:				

C-O-# 050107-1

