APPENDIX A PURGE RECORDS

TETRA TECH, INC.
4213 State Street, STE 100
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Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/8/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1166 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-PMW-1 PID READING IN CASING (ppm) (initial) 67 (vented to) 0.0

SAMPLE I.D. V24PMW1 DUPLICATE I.D. / COLLECTION TIME V99W600/1700 PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 6.86 TOTAL WELL DEPTH (ft btoc) 19.8

WATER COLUMN (feet) 12.9 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 2.2 3 V (gals) 6.6 BAILER BOX # 197

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
0935	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
0946	Begin Purge	—	19.3	—	—	—	—	—	—	—	—	—	0.5
0948		10.81		13.28	647	6.40	10.6	5.44	255.1	Clear	1.0	0.45	
0950		11.47		16.17	620	6.07	9.60	1.75	267.1		2.0	0.9	
0952		12.47		18.35	635	5.98	7.49	1.23	266.4		3.0	1.35	
0954		13.41		19.36	650	5.95	10.1	0.83	262.8		4.0	1.80	
0956		14.49		19.99	642	5.95	5.28	0.68	262.3		5.0	2.25	
0958		15.95		20.41	638	5.97	4.26	0.60	262.6		6.0	2.70	
1000		***		20.65	666	6.00	7.14	0.57	262.2		7.0	3.15	
1001	Well Purged DRY												
1250	Sample	14.49	—	20.03	710	6.09	+200	2.32	293.0	lt. brn			
1005	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 14.49 FILTER LOT # A10530909

Comments: *** Cannot get wlm past check valve

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/16/05 SITE NUMBER 24 PURGING DEVICE MICROPURGE DEDICATED PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1133 SAMPLING DEVICE MICROPURGE DEDICATED PUMP

MONITORING WELL IDENTIFICATION 24-MW-2 PID READING IN CASING (ppm) (initial) 0.0 (vented to) 0.0

SAMPLE I.D. V24MW2 DUPLICATE I.D. / COLLECTION TIME -/- PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 35.39 TOTAL WELL DEPTH (ft btoc) 59.0

WATER COLUMN (feet) 23.6 TUBING DIAMETER (in) 1/4 SAMPLER'S SIGNATURE [illegible]

PUMP & TUBING (V) (L) 0.22 5 V (L) 1.10

Time	Activity	Water Level (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (L)	Pump & Tubing Volumes Purged	Flow Rate (LPM)
1410	Arrived at well											
1421	Begin Purge											0.2
1423		—	26.16	975	6.44	5.29	4.82	160.3	clear	0.4	1.82	0.2
1425		35.54	24.31	1017	6.45	2.35	5.29	165.9	clear	0.8	3.64	0.2
1427		35.59	23.01	1031	6.35	1.90	4.65	170.4	clear	1.2	5.45	0.2
1435	Sample											
	Vacated well											

Fe+2 (ppm) — Taken immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 35.80 FILTER LOT # A 10425464

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ±5%
pH ±0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-049 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/8/05 SITE NUMBER 24

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1166

MONITORING WELL IDENTIFICATION 24-PMW-2

SAMPLE I.D. V24PMW2 DUPLICATE I.D. / COLLECTION TIME —

STATIC WATER LEVEL (ft btoc) 8.13 TOTAL WELL DEPTH (ft btoc) 19.8

WATER COLUMN (feet) 11.7 CASING DIAMETER (in) 2

WELL VOLUME (V) (gals) 2.0 3 V (gals) 6.0 BAILER BOX # 197

PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

SAMPLING DEVICE DISPOSABLE TEFLON BAILER

PID READING IN CASING (ppm) (initial) 0.2 (vented to) 0.0

PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

SAMPLER'S SIGNATURE [signature]

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1010	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1016	Begin Purge	—	19.3	—	—	—	—	—	—	—	—	—	0.5
1021		10.98		19.36	766	5.93	23.7	1.03	321.6	Cloudy	2.5	1.25	
1026		13.30		19.88	835	5.83	20.1	0.50	320.2		5.0	2.50	
1031		15.18		20.20	840	5.83	42.0	0.32	313.3		7.5	3.75	
1036		~~XXX~~		20.08	827	5.92	22.7	2.33	332.9		10.0	5.00	
1037	Well Purged DRY												
BD ~~[illegible]~~													
1350	Sample	9.45	—	19.57	821	5.91	41.8	3.90	351.7	Cloudy	—	—	—
1043	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 9.45 FILTER LOT # A10530909

Comments: Unable to get WLM past check valve

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature	±1 C (1.8 F)	Conductivity	± 5%
pH	± 0.1	Turbidity	5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/8/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1166 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-PMW-3 PID READING IN CASING (ppm) (initial) 0.0 (vented to) 0.0

SAMPLE I.D. V24PMW3 DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 10.12 TOTAL WELL DEPTH (ft btoc) 20.0

WATER COLUMN (feet) 9.9 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 1.7 3 V (gals) 5.1 BAILER BOX # 197

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1050	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1053	Begin Purge	—	19.5	—	—	—	—	—	—	—	—	—	0.5
1058		13.23		18.93	702	6.65	10.8	1.23	225.8	Clear	2.5	1.47	
1103		15.70		20.24	817	6.59	7.88	0.50	198.5		5.0	3.0	
1108		***		20.77	67	6.62	7.11	2.30	153.7		7.5	4.5	
1109	well Purged DRY												
1435	Sample	13.69	—	20.09	847	6.65	9.68	4.34	338.2	slightly cloudy	—	—	—
1445	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 13.69 FILTER LOT # A10530909

Comments: *** Cannot get WLM past check valve

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ±5%
pH ±0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/28/09 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1151 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-3A PID READING IN CASING (ppm) (initial) ND (vented to) —

SAMPLE I.D. V24MW3A DUPLICATE I.D. / COLLECTION TIME — / — PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 37.35 TOTAL WELL DEPTH (ft btoc) 44.5

WATER COLUMN (feet) 7.15 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 4.64 3 V (gals) 13.9 BAILER BOX # 197

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1040	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1049	Begin Purge	—	44	—	—	—	—	—	—	—	—	—	0.5
1054		41.31	↓	21.30	1456	6.58	29.6	5.55	179.3	cloudy	2.5	0.53	↓
1059		42.12		21.79	1481	6.45	17.8	5.36	180.3	clear	5.0	1.07	
1104		43.40		21.99	1495	6.46	11.0	5.54	183.5	clear	7.5	1.61	
1158	well	purged		dry									
1500	Sample			19.98	1441	6.69	3.21	5.53	196.5				
1530	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 37.87 FILTER LOT # A10314700

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature	±1 C (1.8 F)	Conductivity	±5%
pH	±0.1	Turbidity	5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/28/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1151 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-3B PID READING IN CASING (ppm) (initial) ND (vented to) —

SAMPLE I.D. V24MW3B DUPLICATE I.D. / COLLECTION TIME V99W592 / 1700 PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 38.02 TOTAL WELL DEPTH (ft btoc) 80.3

WATER COLUMN (feet) 42.28 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 27.5 3 V (gals) 82.4 BAILER BOX # 197

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1119	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1124	Begin Purge	—	80	—	—	—	—	—	—	—	—	—	3.0
1129		38.52	↓	20.93	1214	6.08	69.3	7.56	59.4	cloudy	15.0	0.54	↓
1130	lowered pump rate due to under voltage issue												2.0
1134		39.0	↓	21.15	1211	6.04	19.9	8.76	86.2	cloudy	25.0	0.90	↓
1139		39.06	↓	21.29	1145	6.04	8.59	8.02	120.2	clear	35.0	1.27	↓
1144	raise pump	39.01	70	21.52	1115	6.03	7.51	7.78	154.5	clear	45.0	1.63	↓
1149		39.08	↓	21.17	1135	6.02	8.32	8.60	171.0	clear	55.0	2.0	↓
1154	raise pump	39.10	60	21.36	1211	5.99	7.21	9.30	192.3	clear	65.0	2.36	↓
1159	raise pump	39.12	50	21.64	1199	6.05	6.89	8.09	209.2	clear	75.0	2.72	↓
1204		39.12	↓	21.55	1150	6.01	4.89	7.80	230.1	clear	85.0	3.09	↓
1205	End Purge												
1230	Sample	—		19.90	1068	6.92	1.41	6.75	199.1	—			
1310	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 38.54 FILTER LOT # A10314700

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ± 5%
pH ± 0.1 Turbidity 5 NTUs

Comments:

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/01/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1157 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-PMW-4 PID READING IN CASING (ppm) (initial) 0.2 (vented to) ND

SAMPLE I.D. V24PMW4 DUPLICATE I.D. / COLLECTION TIME — / — PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 7.39 TOTAL WELL DEPTH (ft btoc) 20.6

WATER COLUMN (feet) 13.21 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 2.22 3 V (gals) 6.65 BAILER BOX # 197

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1400	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1406	Begin Purge	—	20.6	—	—	—	—	—	—	—	—	—	0.5
1409		9.22	↓	18.67	759	7.21	2.28	6.17	-1.8	clear	1.5	0.67	↓
1412		9.35		19.02	708	6.86	2.21	6.71	32.1	clear	3.0	1.35	
1415		10.72		18.67	898	6.49	16.4	7.48	24.6	clear	4.5	2.02	
1418		11.02		18.82	888	6.37	4.74	2.99	17.9	clear	6.0	2.70	
1421		12.03		18.71	886	6.35	2.10	1.95	14.5	clear	7.5	3.38	
1424		13.32	↓	18.35	884	6.35	2.75	1.79	11.5	clear	8.0	3.60	↓
1425	End Purge												
1440	Sample			18.23	868	6.73	3.75	5.18	37.7				
1510	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 10.2 FILTER LOT # A0314700

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/28/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. _____ SAMPLING DEVICE ~~DISPOSABLE TEFLON BAILER~~ NA

MONITORING WELL IDENTIFICATION 24-MW-4A PID READING IN CASING (ppm) (initial) 0.2 (vented to) ND

SAMPLE I.D. — DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) ND

STATIC WATER LEVEL (ft btoc) ~~44.63 DRY~~ TOTAL WELL DEPTH (ft btoc) 44.7

WATER COLUMN (feet) 0.07 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) — 3 V (gals) — BAILER BOX # —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
0934	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
—	Begin Purge	—		—	—	—	—	—	—	—	—	—	
—	Dry well - No sample taken												
0937	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: — FILTER LOT # —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/17/05 SITE NUMBER 24 PURGING DEVICE MICROPURGE DEDICATED PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB 1136 SAMPLING DEVICE MICROPURGE DEDICATED PUMP

MONITORING WELL IDENTIFICATION 24-MW-4B PID READING IN CASING (ppm) (initial) 0.0 (vented to) 0.0

SAMPLE I.D. V24MW4BM DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 65.67 TOTAL WELL DEPTH (ft btoc) 88.0

WATER COLUMN (feet) 22.3 TUBING DIAMETER (in) 1/4 SAMPLER'S SIGNATURE [illegible]

PUMP & TUBING (V) (L) 0.25 5 V (L) 1.25

Time	Activity	Water Level (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (L)	Pump & Tubing Volumes Purged	Flow Rate (LPM)
0940	Arrived at well	—	—	—	—	—	—	—	—	—	—	—
1008	Begin Purge	—	—	—	—	—	—	—	—	—	—	0.24
1010		65.74	20.33	2185	5.31	58.0	1.54	278.5	slightly Cloudy	0.48	1.92	|
1012		65.75	20.12	2184	5.38	42.9	1.27	252.0	Slightly Cloudy	0.96	3.84	|
1014		65.76	20.02	2187	5.40	28.3	0.83	229.9	Clear	1.44	5.76	
1015	End Purge	—										
1020	Sample	—										
1130	Vacated well	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 65.75 FILTER LOT # A10314700

Comments: —

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

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Form number Tt-O-049 (9/05)

TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/01/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1157 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-PMW-5 PID READING IN CASING (ppm) (initial) 0.4 (vented to) ND

SAMPLE I.D. V24PMW5 DUPLICATE I.D. / COLLECTION TIME -/- PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 9.99 TOTAL WELL DEPTH (ft btoc) 20.3

WATER COLUMN (feet) 10.3 CASING DIAMETER (in) ~~2~~ 0.3 pc 2 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 1.73 3 V (gals) 5.20 BAILER BOX # 192

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
0925	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1006	Begin Purge	—	19	—	—	—	—	—	—	—	—	—	0.5
1010		12.26		16.10	736	6.72	54.5	4.46	-0.8	clear	2.0	1.15	
1014		14.24		17.25	692	6.70	22.2	2.26	-19.9	clear	4.0	2.31	
1018		14.86		17.52	697	6.67	14.2	1.90	-16.9	clear	6.0	3.46	
1022		17.11		17.91	769	6.55	12.1	1.79	-21.8	clear	8.0	4.61	
1026	End Purge - well dry												
1240	Sample			18.21	727	6.39	18.5	3.20	-45.1				
1350	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 12.61 FILTER LOT # 4/03/14700

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ±5%
pH ±0.1 Turbidity 5 NTUs

Comments: missing historical purge sheets. Recent excavation within 3'-4' of well. Excavation ~ 20' deep by 20' across by 25' long

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

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TETRA TECH, INC.
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/01/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1157 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-5A PID READING IN CASING (ppm) (initial) 2.3 (vented to) ND

SAMPLE I.D. V24MW5A DUPLICATE I.D. / COLLECTION TIME — / — PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) ND

STATIC WATER LEVEL (ft btoc) 38.21 TOTAL WELL DEPTH (ft btoc) 404

WATER COLUMN (feet) 2.14 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 1.42 3 V (gals) 4.20 BAILER BOX # 197

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
—	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1047	Begin Purge	—	40	—	—	—	—	—	—	—	—	—	0.5
1053			40	~~18.~~ 17.69	784	7.69	57.9	10.34	42.6	clear	2.0		↓
1054	End Purge – well purged dry												
1305	Sample – No readings taken – insuff. water column.												
1350	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 38.13 FILTER LOT # A10314700

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature	±1 C (1.8 F)	Conductivity	± 5%
pH	± 0.1	Turbidity	5 NTUs

Comments: (37.77) Problems w/ flow mid purge. Volume purged estimated. Recent excavation w/in 3'-4' of well. Excavation ~ 20' deep by 20' by 25'. Total metals & extra L. amber not taken.

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/01/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1157 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-5B PID READING IN CASING (ppm) (initial) 5.9 (vented to) ND

SAMPLE I.D. V24MW5B DUPLICATE I.D. / COLLECTION TIME — / — PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 65.09 TOTAL WELL DEPTH (ft btoc) 87.6

WATER COLUMN (feet) 22.5 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 14.5 3 V (gals) 43.9 BAILER BOX # 197

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
—	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1114	Begin Purge	—	87	—	—	—	—	—	—	—	—	—	2.0
1122		67.45	↓	18.20	851	5.71	2.94	0.84	44.1	Clear	10.0	0.68	↓
1127		67.78	↓	18.33	850	5.64	2.05	0.58	11.4	Clear	20.0	1.4	↓
1129	Raise pump		77	~~18.5~~									↓
1133		67.90	↓	14.53	857	5.67	3.55	0.60	0.6	Clear	30.0	2.1	↓
1138		67.91	↓	18.59	855	5.62	2.90	0.57	-4.3	Clear	40.0	2.7	↓
1140	Raise pump		72										↓
1143		67.95	↓	18.50	856	5.67	4.16	0.80	-6.1	Clear	50.0	3.5	↓
1144	End Purge												
1205	Sample			18.20	850	5.91	5.32	3.07	9.4				
1350	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 65.09 FILTER LOT # A10314700

Comments: (65.09) Recent excavation within 3-4' of well. Excavation ~20' deep by ~20' across by ~25' long.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/8/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. — SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-6 PID READING IN CASING (ppm) (initial) 0.6 (vented to) 0.0

SAMPLE I.D. — DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) DRY TOTAL WELL DEPTH (ft btoc) 64.9

WATER COLUMN (feet) — CASING DIAMETER (in) — SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) — 3 V (gals) — BAILER BOX # —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1400	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
—	Begin Purge	—		—	—	—	—	—	—	—	—	—	
1402	Well DRY - NO Sample												
	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: — FILTER LOT # —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ±5%
pH ±0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/01/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1157 SAMPLING DEVICE ~~DISPOSABLE TEFLON BAILER~~ NA

MONITORING WELL IDENTIFICATION 24-MW-7 PID READING IN CASING (ppm) (initial) ND (vented to) —

SAMPLE I.D. — DUPLICATE I.D. / COLLECTION TIME — / — PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 64.61 TOTAL WELL DEPTH (ft btoc) 64.9

WATER COLUMN (feet) 0.29 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) — 3 V (gals) — BAILER BOX # —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1330	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
—	Begin Purge	—	—	—	—	—	—	—	—	—	—	—	—
	Well Dry		-	No	sample		taken						
1332	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: — FILTER LOT # —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature	±1 C (1.8 F)	Conductivity	±5%
pH	±0.1	Turbidity	5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/5/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1162 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-PMW-8 PID READING IN CASING (ppm) (initial) 0.2 (vented to) 0.0

SAMPLE I.D. V24PMW8 DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 11.64 TOTAL WELL DEPTH (ft btoc) 21.5

WATER COLUMN (feet) 9.9 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 6.4 3 V (gals) 19.2 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1100	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1105	Begin Purge	—	21.0	—	—	—	—	—	—	—	—	—	0.5
1110		15.71	↓	21.05	2881	4.95	33.4	0.91	-6.8	yellow	2.5	0.4	↓
1115		17.79	↓	21.83	2272	4.93	31.6	0.42	-17.2	↓	5.0	0.8	↓
1120		20.18	↓	22.10	2187	5.23	26.9	0.32	-30.0	↓	7.5	1.2	↓
1121	Well Purged DRY												
1545		19.12	—	18.81	2251	5.11	+200	4.23	-20.2	—			
	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 19.12 FILTER LOT # A10314700

Comments: Yellow color from injections. Moderate odor in Purge water.

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ± 5%
pH ±0.1 Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
4213 State Street, STE 100
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Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/5/05 SITE NUMBER 24 PURGING DEVICE 2" Grundfos Pump

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1162 SAMPLING DEVICE Teflon Bailer (Disposable)

MONITORING WELL IDENTIFICATION ~~BGMP~~ 24-PMW-8-2 PID READING IN CASING (ppm) (initial) 0.6 (vented to) 0.0

SAMPLE I.D. V24PMW82 DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 11.34 TOTAL WELL DEPTH (ft btoc) 22.9

WATER COLUMN (feet) 11.6 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 2.0 3 V (gals) 6.0 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1230	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1235	Begin Purge	—	22.5	—	—	—	—	—	—	—	—	—	0.5
1240		14.65	↓	20.93	524	6.65	150	1.61	-30.8	Cloudy	2.5	1.25	↓
1245		16.95	↓	21.60	499	6.49	120	0.93	-27.8	cloudy	5.0	2.50	↓
1250		~~xxx~~	↓	21.79	539	6.39	42.6	0.70	-24.0	Clear	7.5	3.75	↓
1254	Well Purged		DRY	—	—	—	—	—	—	—	—	—	—
1315	Sample well			—	—	—	—	—	—	—	—	—	—
	Parameters & Sampling			21.17	605	7.09	+200	4.01	-27.4	Cloudy	←	—	—
1320	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 20.12 FILTER LOT # —

Comments: ** Unable to get WLM past check valve

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

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TETRA TECH, INC.
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Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/5/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1162 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-PIW-8-1 PID READING IN CASING (ppm) (initial) 3.2 (vented to) 0.0

SAMPLE I.D. V24PIW81 DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 11.68 TOTAL WELL DEPTH (ft btoc) 21.6

WATER COLUMN (feet) 9.9 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 1.7 3 V (gals) 5.1 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1325	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1335	Begin Purge	—	21.0	—	—	—	—	—	—	—	—	—	.65
1339		15.23	↓	20.82	4950	3.70	+200	0.94	100.3	Reddish Brown	2.0	1.2	↓
1343		18.14	↓	20.73	4825	4.10	+200	0.83	97.2	"	4.0	2.4	↓
1350	Well Purged DRY												
1405	Sample	—	—	21.52	5667	3.55	+200	0.82	106.6	—			
1410	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 19.51 FILTER LOT # —

Comments: Strong odor

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE ~~8/11/05~~ 12/5/05 SITE NUMBER 24

PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1162

SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-PIW-8-2

PID READING IN CASING (ppm) (initial) 6.4 (vented to) 0.2

SAMPLE I.D. V24PIW82 DUPLICATE I.D. / COLLECTION TIME —

PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 11.04 TOTAL WELL DEPTH (ft btoc) 22.2

WATER COLUMN (feet) 11.2 CASING DIAMETER (in) 2

SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 1.9 3 V (gals) 5.7 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1415	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1420	Begin Purge	—	21.8	—	—	—	—	—	—	—	—	—	0.5
1425		13.42		18.86	4772	3.50	+200	1.59	96.1	Reddish Brn.	2.5	~~1.5~~ 1.3	
1428		15.43		19.70	4756	3.62	+200	0.72	90.5		4.5	~~3.0~~ 2.4	
1432		18.13		20.03	4987	3.63	+200	0.55	87.2		6.5	~~4.5~~ 3.42	
1435		[illegible]		20.53	5310	3.61	+200	0.37	199		8.5	~~5.6~~ 4.47	
1437	Well Purged		Dry										
1530	Sample	19.13		20.33	5475	3.53	+200	1.49	103.7				
	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 19.13 FILTER LOT # —

Comments: xxx can't get WLM past Check valve. Strong odor

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ±5%
pH ±0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

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TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/5/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1162 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-8A PID READING IN CASING (ppm) (initial) 2.7 (vented to) 0.0

SAMPLE I.D. V24MW8A DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 29.76 TOTAL WELL DEPTH (ft btoc) 38.6

WATER COLUMN (feet) 8.8 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 5.7 3 V (gals) 17.1 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1010	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1025	Begin Purge	—	38.2	—	—	—	—	—	—	—	—	—	0.5
1030		32.43	↓	20.25	844	7.02	10.7	7.40	3.4	Clear	2.5	0.43	↓
1035		34.05	↓	20.70	838	6.81	4.96	7.19	6.2	↓	5.0	0.86	↓
1040		35.02	↓	21.36	843	6.40	4.37	6.81	18.1	↓	7.5	1.31	↓
1045		36.73	↓	21.59	846	6.24	5.68	6.65	24.5	↓	10.0	1.74	↓
1047	Well Purged			DRY									
1445	Sample	35.75	—	19.13	961	5.01	+200	11.26	84.6				
1052	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 35.75 FILTER LOT # A10314700

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F) Conductivity ± 5%
pH ± 0.1 Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/5/05 SITE NUMBER 24

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1162

MONITORING WELL IDENTIFICATION 24-MW-8A-2

SAMPLE I.D. V24MW8A2 DUPLICATE I.D. / COLLECTION TIME —

STATIC WATER LEVEL (ft btoc) 31.44 TOTAL WELL DEPTH (ft btoc) 39.0

WATER COLUMN (feet) 7.60 CASING DIAMETER (in) 2

WELL VOLUME (V) (gals) 1.3 3 V (gals) 3.9 BAILER BOX # 199

PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

SAMPLING DEVICE DISPOSABLE TEFLON BAILER

PID READING IN CASING (ppm) (initial) 0.0 (vented to) 0.0

PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

SAMPLER'S SIGNATURE [signature] Mark M. Hahn

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1135	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1140	Begin Purge	—	38.5	—	—	—	—	—	—	—	—	—	0.5
1145		39.27	↓	19.22	765	6.83	26.5	7.74	-27.8	clear	2.5	~~3.0~~ 0.76	↓
1148		***	↓	20.88	778	6.77	40.7	7.55	-28.2	cloudy	4.0	3.0	↓
1151		***	↓	21.05	808	6.72	23.0	7.21	-26.0	cloudy	5.5	4.23	↓
1152	Well Purged		Dry										
1205	Sample	36.65	—	20.98	933	7.06	+200	4.33	-20.4	Cloudy	—	—	—
1215	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 36.65 FILTER LOT # —

Comments: *** Unable to get WLM past check valve.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ±5%
pH ±0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

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Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/9/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1167 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-8B PID READING IN CASING (ppm) (initial) 5.3 (vented to) 0.0

SAMPLE I.D. V24MW8B DUPLICATE I.D. / COLLECTION TIME V99W602/1700 PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 33.95 TOTAL WELL DEPTH (ft btoc) 71.7

WATER COLUMN (feet) 37.8 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) (37.8×0.65)= 24.6 3 V (gals) 73.8 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
940	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
951	Begin Purge	—	71.5	—	—	—	—	—	—	—	—	—	1.5
956		50.03	↓	20.38	735	6.15	4.07	8.06	75.3	clear	7.5	0.3	↓
1001		57.06	↓	20.54	740	6.15	4.21	7.81	68.6	clear	15.0	0.6	↓
1006		62.76	↓	20.75	738	6.11	5.14	7.59	68.3	clear	22.5	0.9	↓
1011		67.39	↓	20.90	744	6.20	10.1	7.49	64.2	clear	30.0	1.2	↓
1014	Well Purged Dry / End Purge										34.5	1.4	↓
1035	Sample	—	—	20.88	747	6.19	12.2	7.38	63.9	—			
1040	Filtered Sample												
1120	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 56.34 FILTER LOT # A1042 5464

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/8/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1166 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-PMW-9 PID READING IN CASING (ppm) (initial) ND (vented to) –

SAMPLE I.D. V24PMW9 DUPLICATE I.D. / COLLECTION TIME – / – PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) –

STATIC WATER LEVEL (ft btoc) 15.61 TOTAL WELL DEPTH (ft btoc) 19.1

WATER COLUMN (feet) 3.5 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 0.54 3 V (gals) 1.75 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
–	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1215	Begin Purge	—	19	—	—	—	—	—	—	—	—	—	0.5
1216	End Purge – well purged dry												
1250	Sample	—		19.77	430	6.87	200+	6.05	38.3				
1220	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) – Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 17.19 FILTER LOT # –

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ±5%
pH ±0.1 Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/8/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. U24TB1166 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-9A PID READING IN CASING (ppm) (initial) ND (vented to) —

SAMPLE I.D. U24MW9A DUPLICATE I.D. / COLLECTION TIME —/— PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 18.77 TOTAL WELL DEPTH (ft btoc) 38.2

WATER COLUMN (feet) 19.4 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 3.26 3 V (gals) 9.79 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
—	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1143	Begin Purge	—	37	—	—	—	—	—	—	—	—	—	0.5
1147		30.98		18.91	645	7.05	81.4	9.04	41.9	clear	2.0	0.61	
1151		33.28		19.74	642	6.92	158	8.10	42.1	cloudy	4.0	1.22	
1155		34.91		20.30	667	6.81	175	8.20	42.7	cloudy	6.0	1.84	
1159		**		20.80	695	6.73	200+	8.26	45.8	cloudy	8.0	2.45	
1200	End Purge — well purged dry												
1240	Sample			19.71	722	7.05	200+	7.30	38.3				
1205	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 34.83 FILTER LOT # —

Comments: ** unable to get WLM probe part check value.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/8/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24-TB1166 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-~~10~~9B PID READING IN CASING (ppm) (initial) 0.3 (vented to) ND

SAMPLE I.D. V24MW~~10~~9B DUPLICATE I.D. / COLLECTION TIME —/— PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 19.80 TOTAL WELL DEPTH (ft btoc) 64.6

WATER COLUMN (feet) 44.8 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 29.1 3 V (gals) 87.3 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1040	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1055	Begin Purge	—	64	—	—	—	—	—	—	—	—	—	2.0
1100		31.91		19.31	954	7.14	27.5	9.92	40.7	clear	10	0.34	
1105		42.76		19.67	976	6.79	5.85	8.86	44.6	clear	20	0.68	
1110		50.52		19.93	1004	6.48	3.91	8.35	47.9	clear	30	1.03	
1115		55.26		20.15	1031	6.32	2.79	7.61	50.0	clear	40	1.37	
1120		57.16		20.26	1047	6.24	2.09	7.25	51.0	clear	50	1.72	
1125		62.02		19.98	1068	6.11	34.2	6.08	53.5	clear	60	2.06	
1126	End Purge	— well purged dry											
1230	Sample			18.47	1107	7.34	35.2	5.87	31.8				
1145	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 45.79 FILTER LOT # —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ± 5%
pH ± 0.1 Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/08/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V247B1166 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-PMW-10 PID READING IN CASING (ppm) (initial) 0.3 (vented to) ND

SAMPLE I.D. V24PMW10 DUPLICATE I.D. / COLLECTION TIME V99W599 / 1700 PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) ~~26.12~~ 9.43 pc TOTAL WELL DEPTH (ft btoc) 19.4

WATER COLUMN (feet) 10.0 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 1.67 3 V (gals) 5.02 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1020	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1024	Begin Purge	—	19	—	—	—	—	—	—	—	—	—	0.5
1028		17.92	—	19.34	708	6.91	65.1	7.21	50.3	cloudy	2.0	1.20	—
1029	End Purge			—	Well Dry								
1400	Sample			19.60	775	6.32	2001	5.29	11.8	—			
1038	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 15.21 FILTER LOT # A105 70909

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ± 5%
pH ±0.1 Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/08/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. U24TB1166 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-10A PID READING IN CASING (ppm) (initial) 0.3 (vented to) ND

SAMPLE I.D. U24MW10A DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 26.12 TOTAL WELL DEPTH (ft btoc) 38.1

WATER COLUMN (feet) 12.0 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 2.0 3 V (gals) 6.0 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
0945	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1000	Begin Purge	—	38	—	—	—	—	—	—	—	—	—	0.5
1006		36.10	↓	18.11	1156	6.07	81.1	7.52	79.5	Clear	3.0	1.5	↓
1010	End Purge	—	—	Well	Purged			dry			~~5.0~~	~~2.5~~	—
1335	Sample			19.14	1152	6.15	87.0	7.12	436	—			
1019	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 31.51 FILTER LOT # A1053090 9

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/12/05 SITE NUMBER 24

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1169

MONITORING WELL IDENTIFICATION 24-MW-10A

SAMPLE I.D. V24MW10A DUPLICATE I.D. / COLLECTION TIME —

STATIC WATER LEVEL (ft btoc) 27.30 TOTAL WELL DEPTH (ft btoc) 38.1

WATER COLUMN (feet) 10.8 CASING DIAMETER (in) 2

WELL VOLUME (V) (gals) 1.7 3 V (gals) 5.1 BAILER BOX # 200

PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

SAMPLING DEVICE DISPOSABLE TEFLON BAILER

PID READING IN CASING (ppm) (initial) 0.3 (vented to) 0.0

PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

SAMPLER'S SIGNATURE [signature]

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
918	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
930	Begin Purge	—		—	—	—	—	—	—	—	—	—	2.0*
933		****	38	17.84	8	5.46	+200	8.49	390.9	cloudy	6.0	3.5	2.0
934	End Purge / Well Purged Dry					—	—	—	—	—	—	—	—
1400	Sample	—	—	19.16	1027	6.88	+200	6.63	208.9	cloudy	—	—	—
1425	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 29.42 FILTER LOT # —

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Comments: **** WLM hit check valve. *Purge rate on this well should be 0.5 GPM. 2.0 is too high.
This well is being resampled for TPHg, VOCs, meth & eth because those VOAs broke during sample packing.

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

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TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/17/05 SITE NUMBER 24 PURGING DEVICE MICROPURGE DEDICATED PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1136 SAMPLING DEVICE MICROPURGE DEDICATED PUMP

MONITORING WELL IDENTIFICATION 24-MW-10B PID READING IN CASING (ppm) (initial) ND (vented to) —

SAMPLE I.D. V24MW10B DUPLICATE I.D. / COLLECTION TIME — / — PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 23.82 TOTAL WELL DEPTH (ft btoc) 63.2

WATER COLUMN (feet) 39.38 TUBING DIAMETER (in) 1/4 SAMPLER'S SIGNATURE

PUMP & TUBING (V) (L) 0.41 5 V (L) 2.05

Time	Activity	Water Level (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (L)	Pump & Tubing Volumes Purged	Flow Rate (LPM)
1400	Arrived at well	—	—	—	—	—	—	—	—	—	—	—
1413	Begin Purge	—	—	—	—	—	—	—	—	—	—	0.14
1415		24.06	21.71	1575	5.85	0.69	4.83	259.9	clear	0.28	0.68	↓
1417		24.11	22.05	1541	5.86	0.60	4.92	259.6	clear	0.56	1.3	↓
1418	decrease flow	—	—	—	—	—	—	—	—	—	—	0.10
1419		24.15	22.37	1526	5.87	0.72	5.03	261.3	clear	0.76	1.8	↓
1421		24.17	22.69	1521	5.87	0.65	5.14	262.3	clear	0.96	2.3	↓
1423		24.19	23.00	1520	5.86	0.57	5.03	265.0	clear	1.16	2.8	↓
1425		24.20	23.18	1520	5.88	0.71	4.91	265.5	clear	1.36	3.3	↓
1427		24.20	23.40	1521	5.86	0.47	4.80	267.5	clear	1.56	3.8	↓
1429		24.21	23.54	1523	5.86	0.63	4.74	268.6	clear	1.76	4.3	↓
1431		24.21	23.68	1525	5.87	0.66	4.68	269.5	clear	1.96	4.7	↓
1435	End Purge	24.21	23.82	1528	5.87	1.60	5.13	270.4	clear	2.16	5.26	↓
—	Vacated well	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 24.22 FILTER LOT # A1031470

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ±5%
pH ±0.1	Turbidity 5 NTUs

Comments:

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-049 (9/05)

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Santa Barbara, CA 93110
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/17/05 SITE NUMBER 24 PURGING DEVICE MICROPURGE DEDICATED PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1136 SAMPLING DEVICE MICROPURGE DEDICATED PUMP

MONITORING WELL IDENTIFICATION 24-MW-10B PID READING IN CASING (ppm) (initial) ND (vented to) —

SAMPLE I.D. V24MW10B DUPLICATE I.D. / COLLECTION TIME —/— PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 23.82 TOTAL WELL DEPTH (ft btoc) 63.2

WATER COLUMN (feet) 39.38 TUBING DIAMETER (in) 1/4 SAMPLER'S SIGNATURE

PUMP & TUBING (V) (L) 0.41 5 V (L) 2.05

Time	Activity	Water Level (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (L)	Pump & Tubing Volumes Purged	Flow Rate (LPM)
—	Arrived at well	—	—	—	—	—	—	—	—	—	—	—
—	Begin Purge	—	—	—	—	—	—	—	—	—	—	—
1440	Sample											
1455	Vacated well	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 24.22 FILTER LOT # A103/470U

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ±5%
pH ±0.1 Turbidity 5 NTUs

Comments:

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-049 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/16/05 SITE NUMBER 24 PURGING DEVICE MICROPURGE DEDICATED PUMP

PROGRAM NAME BAMP TRIP BLANK I.D. V24TB1133 SAMPLING DEVICE MICROPURGE DEDICATED PUMP

MONITORING WELL IDENTIFICATION 24-PMW-11 PID READING IN CASING (ppm) (initial) 0.0 (vented to) 0.0

SAMPLE I.D. V24PMW11 DUPLICATE I.D. / COLLECTION TIME -/- PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 6.79 TOTAL WELL DEPTH (ft btoc) 19.6

WATER COLUMN (feet) 12.8 TUBING DIAMETER (in) 1/4 SAMPLER'S SIGNATURE [signature]

PUMP & TUBING (V) (L) 0.18 5 V (L) 0.90

Time	Activity	Water Level (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (L)	Pump & Tubing Volumes Purged	Flow Rate (LPM)
1255	Arrived at well											
1308	Begin Purge											0.2
1310		7.33	24.59	1379	6.40	4.15	2.18	117.4	clear	0.4	2.22	0.2
1312		7.72	23.04	1140	6.40	4.40	3.72	130.1	clear	0.8	4.44	0.2
1314		7.94	22.05	1003	6.37	5.37	4.30	143.8	clear	1.2	6.66	0.2
1320	Sample											
	Vacated well											

Fe+2 (ppm) — Taken immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 8.92 FILTER LOT # A1042 5464

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ±5%
pH ±0.1 Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-049 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/09/05 SITE NUMBER 24

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1167

MONITORING WELL IDENTIFICATION 24-MW-11A

SAMPLE I.D. V24MW11A DUPLICATE I.D. / COLLECTION TIME —/—

STATIC WATER LEVEL (ft btoc) 27.80 TOTAL WELL DEPTH (ft btoc) 36.9

WATER COLUMN (feet) 9.1 CASING DIAMETER (in) 2

WELL VOLUME (V) (gals) 1.52 3 V (gals) 4.59 BAILER BOX # 200

PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

SAMPLING DEVICE DISPOSABLE TEFLON BAILER

PID READING IN CASING (ppm) (initial) ND (vented to) —

PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

SAMPLER'S SIGNATURE [signature]

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1120	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1128	Begin Purge	—	36	—	—	—	—	—	—	—	—	—	0.5
1131		33.20	↓	18.95	1039	6.70	33.9	7.13	232.0	clear	1.5	0.98	↓
1134		34.90	↓	20.01	1066	6.38	24.2	6.61	243.8	clear	3.0	1.97	↓
1137		**	↓	20.73	1078	6.31	4.25	6.75	252.1	clear	4.5	2.96	↓
1138	End	Purge - well purged dry											
1500	Sample	—		18.69	1011	6.52	74.9	6.81	318.5	—			
1538	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 34.08 FILTER LOT # A10425464

Comments: ** Could not get water level probe past check valve.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

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Form number Tt-O-050 (9/05)

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4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/9/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME B6MP TRIP BLANK I.D. V24TB1167 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-11B PID READING IN CASING (ppm) (initial) 0.2 (vented to) ND

SAMPLE I.D. V24MW11B DUPLICATE I.D. / COLLECTION TIME —/— PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 34.24 TOTAL WELL DEPTH (ft btoc) 61.9

WATER COLUMN (feet) 27.7 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 17.9 3 V (gals) 54.0 BAILER BOX # 200 (2) [signature]

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1040	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1056	Begin Purge	—	61	—	—	—	—	—	—	—	—	—	1.0
1101		51.55	↓	19.93	1171	7.04	12.6	3.74	257.4	clear	5.0	0.28	↓
1106		56.32	↓	20.08	1047	8.93	20.0	3.91	160.3	clear	10.0	0.55	↓
1110	End Purge	—	well	purged	dry								
1430	Sample			19.19	924	6.70	37.6	6.14	256.1				
1530	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 42.11 FILTER LOT # A104254 64

Comments: Two bailers used to sample.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ±5%
pH ±0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL FIELD DATA LOG SHEET - PURGING

DATE 11/16/05 SITE NUMBER 24

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1133

MONITORING WELL IDENTIFICATION 24-MW-12A

SAMPLE I.D. V24MW12A DUPLICATE I.D. / COLLECTION TIME -/-

STATIC WATER LEVEL (ft btoc) 18.22 TOTAL WELL DEPTH (ft btoc) 36.0

WATER COLUMN (feet) 17.8 TUBING DIAMETER (in) 1/4

PUMP & TUBING (V) (L) 0.26 5 V (L) 1.3

PURGING DEVICE MICROPURGE DEDICATED PUMP

SAMPLING DEVICE MICROPURGE DEDICATED PUMP

PID READING IN CASING (ppm) (initial) 0.0 (vented to) 0.0

PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

SAMPLER'S SIGNATURE [signature]

Time	Activity	Water Level (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (L)	Pump & Tubing Volumes Purged	Flow Rate (LPM)
0930	Arrived at well											
1000	Begin Purge											0.16
1002		19.55	20.12	1788	6.21	9.16	5.40	236.7	clear	0.32	1.23	0.16
1004		19.78	20.26	1798	6.25	8.40	5.14	236.8	clear	0.64	2.46	0.16
1006		19.99	20.45	1813	6.28	~~6.65~~ 6.63	4.91	238.6	clear	0.96	3.69	0.16
												0.16
1008		20.28	20.58	1820	6.30	6.88	4.86	239.2	clear	1.28	4.92	0.16
1010		20.47	20.68	1827	6.32	6.09	4.75	239.9	clear	1.60	6.15	0.16
1015	Sample											
1105	Vacated well											

Fe+2 (ppm) — Taken immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 21.50 FILTER LOT # A104254 64

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-049 (9/05)

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4213 State Street, STE 100
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Telephone (805) 681-3100
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/16/05 SITE NUMBER 24 PURGING DEVICE MICROPURGE DEDICATED PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24 TB 1133 SAMPLING DEVICE MICROPURGE DEDICATED PUMP

MONITORING WELL IDENTIFICATION 24-MW-12B PID READING IN CASING (ppm) (initial) 0.2 (vented to) 0.0

SAMPLE I.D. V24MW12B DUPLICATE I.D. / COLLECTION TIME —/— PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 20.35 TOTAL WELL DEPTH (ft btoc) 55.8

WATER COLUMN (feet) ~~36.45~~ 35.5 TUBING DIAMETER (in) 1/4 SAMPLER'S SIGNATURE [signature]

PUMP & TUBING (V) (L) 0.37 5 V (L) 1.85

Time	Activity	Water Level (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (L)	Pump & Tubing Volumes Purged	Flow Rate (LPM)
1107	Arrived at well											
1112	Begin Purge											0.2
1114		20.80	21.33	1517	6.31	4.49	1.35	176.1	~~176.~~ clear	0.4	1.08	0.2
1116		20.96	21.17	1488	6.26	3.94	0.84	175.8	clear	0.8	2.16	0.2
1118		20.99	21.05	1455	6.24	4.30	0.54	172.8	clear	1.2	3.24	0.2
1125	sample											
1150	Vacated well											

Fe+2 (ppm) — Taken immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 21.75 FILTER LOT # A10425464

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ±5%
pH ±0.1 Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-049 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/9/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1167 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-PMW-13 PID READING IN CASING (ppm) (initial) 0.0 (vented to) 0.0

SAMPLE I.D. V24PMW13 DUPLICATE I.D. / COLLECTION TIME V99~~W~~601/1730 PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 6.52 TOTAL WELL DEPTH (ft btoc) 22.7

WATER COLUMN (feet) 16.2 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 2.6 3 V (gals) 7.8 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1155	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1204	Begin Purge	—	22	—	—	—	—	—	—	—	—	—	0.5
1207		13.07	↓	21.57	378	6.88	+200	5.88	42.0	cloudy	1.5	0.6	↓
1210		13.03		21.32	306	6.80	134	4.21	41.5	cloudy	3.0	1.2	
1213		13.40		21.57	302	6.64	113	2.75	45.6	cloudy	4.5	1.7	
1216		16.08		21.95	313	6.59	150	2.35	40.7	cloudy	6.0	2.3	
1219		17.86		21.88	308	6.54	+200	3.19	43.7	cloudy	7.5	2.9	
1222		19.73		21.75	309	6.46	+200	4.57	58.8	cloudy	9.0	3.5	
1224	Well Purged Dry / End Purge										10.0	3.8	
1410	Sample	—		21.02	306	8.18	+200	8.27	-26.7	—			
1415	Filtered Sample												
1455	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 14.85 FILTER LOT # A10425464

Comments: Duplicate sample filter lot# A10314700

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature	±1 C (1.8 F)	Conductivity	±5%
pH	±0.1	Turbidity	5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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Santa Barbara, CA 93110
Telephone (805) 681-3100
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/9/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1167 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-13A PID READING IN CASING (ppm) (initial) 7.4 (vented to) 0.0

SAMPLE I.D. — DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) ~~39.48~~ DRY TOTAL WELL DEPTH (ft btoc) 39.6

WATER COLUMN (feet) 0.1 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) — 3 V (gals) — BAILER BOX # —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1145	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
—	Begin Purge	—	—	—	—	—	—	—	—	—	—	—	—
	Well Dry / Water Column < 8"												
1150	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: — FILTER LOT # —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature	±1 C (1.8 F)	Conductivity	± 5%
pH	± 0.1	Turbidity	5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

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Form number Tt-O-050 (9/05)

TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/9/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME OSMP TRIP BLANK I.D. V24T81167 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-13B PID READING IN CASING (ppm) (initial) 21.3 (vented to) 0.0

SAMPLE I.D. V24MW13B DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 64.66 TOTAL WELL DEPTH (ft btoc) 68.5

WATER COLUMN (feet) 3.8 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 2.5 3 V (gals) 7.5 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1235	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1244	Begin Purge	—	68	—	—	—	—	—	—	—	—	—	0.5
1247		66.31	68	19.18	719	7.44	97.7	3.84	-8.0	cloudy	1.5	0.6	↓
1249	Well Purged Dry / End Purge					—					2.5	1.0	↓
1500	Sample												
1505	Filtered Sample												
1540	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 66.76 FILTER LOT # A10530909

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ±5%
pH ±0.1 Turbidity 5 NTUs

Comments: No water quality parameter measurements taken due to insufficient water. ~~Also, only one 1L bottle for TPHd collected.~~ Turbidity visually inspected to be +200.

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/28/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1151 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-14A PID READING IN CASING (ppm) (initial) ND (vented to) —

SAMPLE I.D. V24MW14A DUPLICATE I.D. / COLLECTION TIME —/— PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 37.44 TOTAL WELL DEPTH (ft btoc) 38.6

WATER COLUMN (feet) 1.2 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 0.19 3 V (gals) 0.58 BAILER BOX # 197

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1018	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1030	Begin Purge	—	38.5	—	—	—	—	—	—	—	—	—	
1031	well purged prior to readings being taken												
1445	Sample	—	—	no readings taken due to insuff. water column.									
1450	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 37.53 FILTER LOT # A10530909

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ±5%
pH ±0.1 Turbidity 5 NTUs

Comments: Total metals & SVOCs not collected due to limited water column recharge.
Only 1L amber collected for diesel.

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/18/05 SITE NUMBER 24 PURGING DEVICE MICROPURGE DEDICATED PUMP

PROGRAM NAME B&MP TRIP BLANK I.D. V24TB1139 SAMPLING DEVICE MICROPURGE DEDICATED PUMP

MONITORING WELL IDENTIFICATION 24-MW-14B PID READING IN CASING (ppm) (initial) 0.2 (vented to) 0.0

SAMPLE I.D. V24MW14B DUPLICATE I.D. / COLLECTION TIME -/- PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 37.94 TOTAL WELL DEPTH (ft btoc) 74.8

WATER COLUMN (feet) 36.9 TUBING DIAMETER (in) 1/4" SAMPLER'S SIGNATURE [signature]

PUMP & TUBING (V) (L) 0.30 5 V (L) 1.50

Time	Activity	Water Level (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (L)	Pump & Tubing Volumes Purged	Flow Rate (LPM)
1510	Arrived at well											
1520	Begin Purge											0.36
1522		38.26	21.66	1625	6.36	4.12	5.09	79.3	Clear	0.72	2.40	
1524		28.41	21.43	1596	6.23	2.84	4.17	103.9	Clear	1.44	4.80	
1526		28.48	21.36	1587	6.18	2.57	4.07	114.2	Clear	2.16	7.20	
1527	End Purge											
1535	Sample											
1600	Vacated well											

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Fe+2 (ppm) — Taken immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 38.55 FILTER LOT # A10314700

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ± 5%
pH ± 0.1 Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-049 (9/05)

TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/28/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1151 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-15A PID READING IN CASING (ppm) (initial) ND (vented to) —

SAMPLE I.D. V24MW15A DUPLICATE I.D. / COLLECTION TIME —/— PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 36.73 TOTAL WELL DEPTH (ft btoc) 39.3

WATER COLUMN (feet) 2.57 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 0.43 3 V (gals) 1.29 BAILER BOX # 197

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
0944	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1004	Begin Purge	—	39.	—	—	—	—	—	—	—	—	—	—
1006	Well purged dry prior to readings												
1335	Sample	—		19.86	1314	6.90	200+	8.62	233.6	—			
1405	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 37.08 FILTER LOT # A10530909

Comments: No Total metals or extra L for diesel collected due to limited recharge.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ±5%
pH ±0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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Telephone (805) 681-3100
Telefax (805) 681-3108.

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/18/05 SITE NUMBER 24 PURGING DEVICE MICROPURGE DEDICATED PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. U24TB1139 SAMPLING DEVICE MICROPURGE DEDICATED PUMP

MONITORING WELL IDENTIFICATION 24-MW-15B PID READING IN CASING (ppm) (initial) 0.0 (vented to) 0.0

SAMPLE I.D. U24MW15B DUPLICATE I.D. / COLLECTION TIME — / — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 37.19 TOTAL WELL DEPTH (ft btoc) 69.9

WATER COLUMN (feet) 32.71 TUBING DIAMETER (in) 1/4" SAMPLER'S SIGNATURE [signature]

PUMP & TUBING (V) (L) 0.29 5 V (L) 1.45

Time	Activity	Water Level (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (L)	Pump & Tubing Volumes Purged	Flow Rate (LPM)
1605	Arrived at well	—	—	—	—	—	—	—	—	—	—	—
1615	Begin Purge	—	—	—	—	—	—	—	—	—	—	0.28
1617		37.35	21.43	2189	5.86	3.06	3.76	94.8	Clear	0.56	1.93	
1619		37.41	21.31	2374	5.80	2.41	3.52	123.0	Clear	1.12	3.86	
1621		37.45	21.21	2472	5.74	2.20	3.58	140.8	Clear	1.68	5.79	
1622	End Purge											
1630	Sample											
1710	Vacated well	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 37.54 FILTER LOT # A10314700

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ± 5%
pH ± 0.1 Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-049 (9/05)

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4213 State Street, STE 100
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Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/7/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1165 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-16B PID READING IN CASING (ppm) (initial) 0.2 (vented to) 0.0

SAMPLE I.D. V24MW16B DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 37.81 TOTAL WELL DEPTH (ft btoc) 76.6

WATER COLUMN (feet) 38.8 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE Brian Dow

WELL VOLUME (V) (gals) 25.2 3 V (gals) 75.6 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1240	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1252	Begin Purge	—	66	—	—	—	—	—	—	—	—	—	3.0
1257		44.79	↓	20.09	1042	6.37	12.7	8.70	57.8	Clear	15	0.59	↓
1302		45.24	↓	20.13	1046	6.32	6.08	8.87	52.0	Clear	30	1.19	↓
1303	Raise Pump	—	56	—	—	—	—	—	—	—	—	—	↓
1307		45.47	56	20.22	1038	6.39	6.72	8.92	44.0	Clear	45	1.79	↓
1308	Raise Pump	—	51	—	—	—	—	—	—	—	—	—	↓
1312		45.61	51	20.23	1046	6.36	4.68	9.11	42.1	Clear	60	2.38	↓
1317		45.68	51	20.22	1046	6.34	3.39	9.20	41.7	Clear	75	3.0	↓
1325	Sample	39.18		19.97	1033	7.01	2.87	7.36	20.9	—			
1400	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 39.18 FILTER LOT # A10530909

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/7/05 SITE NUMBER 24 PURGING DEVICE — 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1165 SAMPLING DEVICE — DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-PMW-18 PID READING IN CASING (ppm) (initial) 156 (vented to) 0.0

SAMPLE I.D. V24PMW18 DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 11.70 TOTAL WELL DEPTH (ft btoc) 25.4

WATER COLUMN (feet) 13.7 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 9.0 3 V (gals) 27.0 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
* 1115	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1150	Begin Purge	—	24.9	—	—	—	—	—	—	—	—	—	0.5
1155		16.95		18.82	661	7.32	40.5	6.60	-24.3	Cloudy	2.5	0.27	
1200		19.43		19.15	641	7.47	33.2	6.76	-30.5		5.0	0.55	
1205		21.02		19.34	639	7.43	61.8	6.35	-30.1		7.5	0.83	
1210		22.20		19.48	660	7.38	77.8	6.47	-26.6		10.0	1.11	
1215		23.46		19.75	746	7.23	71.3	7.06	-20.9		12.5	1.39	
1220	well	[redacted]	Purged	DRY									
1540	Sample	19.44	—	17.41	787	7.58	94.4	7.87	5.6	Cloudy	—	—	—
1230	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 19.44 FILTER LOT # A10532241

Comments: * Unable to start generator. Suspect flooded engine. Started @ 1145

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ±5%
pH ±0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
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Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/16/05 SITE NUMBER 24

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1136

MONITORING WELL IDENTIFICATION 24-PMW-19

SAMPLE I.D. V24PMW19 DUPLICATE I.D. / COLLECTION TIME — / —

STATIC WATER LEVEL (ft btoc) 6.92 TOTAL WELL DEPTH (ft btoc) 25.0

WATER COLUMN (feet) 18.08 TUBING DIAMETER (in) 1/4

PUMP & TUBING (V) (L) 0.22 5 V (L) 1.1

PURGING DEVICE MICROPURGE DEDICATED PUMP

SAMPLING DEVICE MICROPURGE DEDICATED PUMP

PID READING IN CASING (ppm) (initial) ND (vented to) —

PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

SAMPLER'S SIGNATURE

Time	Activity	Water Level (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (L)	Pump & Tubing Volumes Purged	Flow Rate (LPM)
0949	Arrived at well											
1010	Begin Purge											0.18
1013		8.958	19.65	1397	6.97	16.6	6.79	168.4	clear	0.54	2.45	↓
1016	change rate	9.00	19.63	1382	6.97	15.2	6.77	168.5	clear	1.08	4.90	0.13
1019		9.26	19.67	1366	6.95	14.0	6.81	168.9	clear	1.47	6.68	↓
1020	End purge											
1025	Sampled											
1050	Vacated well											

Fe+2 (ppm) — Taken immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 9.32 FILTER LOT # A10314700

Comments: flow rate should be lower

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature	±1 C (1.8 F)	Conductivity	±5%
pH	±0.1	Turbidity	5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-049 (9/05)

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TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/18/05 SITE NUMBER 24 PURGING DEVICE MICROPURGE DEDICATED PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1139 SAMPLING DEVICE MICROPURGE DEDICATED PUMP

MONITORING WELL IDENTIFICATION 24-MW-19B PID READING IN CASING (ppm) (initial) 0.0 (vented to) 0.0

SAMPLE I.D. V24MW19B DUPLICATE I.D. / COLLECTION TIME ~~V24TB~~ V99WS06/1630 PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 66.50 TOTAL WELL DEPTH (ft btoc) 72.8

WATER COLUMN (feet) 6.30 TUBING DIAMETER (in) 1/4" SAMPLER'S SIGNATURE Brent Gore

PUMP & TUBING (V) (L) 0.16 5 V (L) 0.80

Time	Activity	Water Level (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (L)	Pump & Tubing Volumes Purged	Flow Rate (LPM)
1315	Arrived at well											
1349	Begin Purge											0.15
1351		66.53	20.91	1599	5.95	4.02	4.20	324.0	Clear	0.30	1.88	
1353		66.53	20.47	1666	6.09	3.13	1.44	281.8	Clear	0.60	3.80	
1355		66.53	20.43	1670	6.12	3.18	1.22	265.0	Clear	0.90	5.68	
1356	End Purge											
1400	Sample											
1510	Vacated well											

Fe+2 (ppm) — Taken immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 66.53 FILTER LOT # A10314700

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ± 5%
pH ± 0.1 Turbidity 5 NTUs

Comments: *Note Be careful of Pump inlet Depth very close to water level. Give Pump enough time to refill 3 gpm. Not too much pressure 48 psi.

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-049 (9/05)

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TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/7/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1165 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-20B PID READING IN CASING (ppm) (initial) 0.0 (vented to) 0.0

SAMPLE I.D. V24MW20B DUPLICATE I.D. / COLLECTION TIME -/- PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 65.35 TOTAL WELL DEPTH (ft btoc) 66.9

WATER COLUMN (feet) 1.6 CASING DIAMETER (in) ~~1.04~~ 4 SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 1.04 3 V (gals) 3.12 BAILER BOX # 119

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1225	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1238	Begin Purge	—		—	—	—	—	—	—	—	—	—	0.5
1241	End Purge, well Dry												0.5
1505	Sample	66.00	—										—
1525	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 66.00 FILTER LOT # A10530909

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature	±1 C (1.8 F)	Conductivity	±5%
pH	±0.1	Turbidity	5 NTUs

Comments: No parameters were collected at sampling due to limited well volume. Filter not conditioned & extra Amber not collected due to limited well volume, also no total metals collected.

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

(well bailed dry)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/7/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1165 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-PMW-21 PID READING IN CASING (ppm) (initial) 1.0 (vented to) 0.0

SAMPLE I.D. V24PMW21 DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 9.71 TOTAL WELL DEPTH (ft btoc) 27.3

WATER COLUMN (feet) 17.6 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 3.0 3 V (gals) 9.0 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1030	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1034	Begin Purge	—	26.8	—	—	—	—	—	—	—	—	—	0.5
1039		13.75		16.20	1058	~~7.65~~ 6.45	24.7	7.44	33.3	clear	2.5	0.83	
1044		18.42		17.63	1091	6.97	11.4	7.99	24.6	clear	5.0	1.67	
1049		19.81		18.33	1089	7.00	5.36	7.62	24.4	clear	7.5	2.50	
1054		23.2		18.88	1116	6.90	26.5	6.58	24.7	clear	10.0	3.32	
1059	Well Purged DRY												
1515	Sample	23.12	—	16.68	1206	7.47	128	4.29	-50.8	cloudy	—	—	—
1110	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 23.12 FILTER LOT # A10530909

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ±5%
pH ±0.1 Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
4213 State Street, STE 100
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Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/7/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1165 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-21B PID READING IN CASING (ppm) (initial) 0.2 (vented to) 0.0

SAMPLE I.D. V24MW21B DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 66.63 TOTAL WELL DEPTH (ft btoc) 69.5

WATER COLUMN (feet) 2.87 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 1.9 3 V (gals) 5.6 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
950	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1012	Begin Purge	—	69.0	—	—	—	—	—	—	—	—	—	0.5
1014		67.12	↓	14.30	1001	7.98	34.0	8.35	-122.8	Grey	1.0	0.52	↓
1016		67.82	↓	15.42	1083	7.86	39.8	6.39	-113.1	Grey	2.0	1.04	↓
1018	Well Purged DRY												
1435	Sample	66.53	—	16.77	1444	7.51	+200	2.23	-103.6	Black			
1025	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 66.53 FILTER LOT # A10314700

Comments: Black organics and sand at bottom of well

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ±5%
pH ±0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
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Santa Barbara, CA 93110
Telephone (805) 681-3100
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/7/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1165 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-PMW-22 PID READING IN CASING (ppm) (initial) 201 (vented to) 12.3

SAMPLE I.D. V24PMW22 DUPLICATE I.D. / COLLECTION TIME — / — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 14.37 TOTAL WELL DEPTH (ft btoc) 27.5

WATER COLUMN (feet) 13.13 CASING DIAMETER (in) 2" SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 2.23 3 V (gals) 6.70 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1110	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1120	Begin Purge	—	27.0	—	—	—	—	—	—	—	—	—	0.50
1122		17.65	↓	18.49	738	7.39	36.3	9.83	3.0	cloudy	1.0	0.45	↓
1124		18.65		19.21	870	7.14	13.1	7.01	15.2	clear	2.0	0.90	
1126		19.71		19.76	815	6.92	12.9	6.45	34.5	clear	3.0	1.35	
1128		21.90		20.26	817	6.90	9.46	6.16	48.4	clear	4.0	1.80	
1130		23.54		20.33	819	6.87	11.4	5.90	59.3	clear	5.0	2.25	
1132		*	↓	20.41	846	6.82	15.7	5.48	74.5	clear	6.0	2.70	↓
1134	End Purge - WELL DRY												
1200	Sample	—	—	17.17	1104	6.63	13.7	3.31	20.76	—			
	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 24.90 FILTER LOT # A10530909

Comments: * Pump blocking WLM - no measurement recorded

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature	±1 C (1.8 F)	Conductivity	±5%
pH	±0.1	Turbidity	5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE Nov. 29, 2005 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1152 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-22A PID READING IN CASING (ppm) (initial) 0.5 (vented to) ND

SAMPLE I.D. V24MW22A DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 21.80 TOTAL WELL DEPTH (ft btoc) 45.7

WATER COLUMN (feet) 23.9 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 3.82 3 V (gals) 11.47 BAILER BOX # 197

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
0900	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
0921	Begin Purge	—		—	—	—	—	—	—	—	—	—	1
0925		36.34	45.5	13.86	934	6.02	28.6	5.80	111.6	clear	4	1.05	
0929		39.41		18.88	1148	6.07	99.3	4.18	36.1	slightly cloudy	8	2.09	
0933		42.28		19.16	1075	6.07	93.3	4.08	14.1	slightly cloudy	12	3.14	
0937	~~R~~ WELL PURGED DRY												
1445	SAMPLE	21.82	—	10.56	1275	6.97	133	5.88	22.1	clear			
1510 ~~0952~~	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 21.82 FILTER LOT # A1053090 9

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F) Conductivity ±5%
pH ±0.1 Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL FIELD DATA LOG SHEET - PURGING

DATE 12/7/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1165 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-22B PID READING IN CASING (ppm) (initial) 1.0 (vented to) 0.0

SAMPLE I.D. V24MW22B DUPLICATE I.D. / COLLECTION TIME V99W598 / 1700 PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 65.72 TOTAL WELL DEPTH (ft btoc) 69.0

WATER COLUMN (feet) 3.3 CASING DIAMETER (in) 4" SAMPLER'S SIGNATURE Dave Feil

WELL VOLUME (V) (gals) 2.13 3 V (gals) 6.40 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
925	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
951	Begin Purge	—	69.0	—	—	—	—	—	—	—	—	—	0.5
953		67.51	↓	18.04	1193	5.95	178	1.85	389.7	cloudy	1.0	0.47	↓
954	End Purge - WELL DRY												
1015	Sample	—	—	17.78	1208	6.61	+200	3.88	68.6	—			
1105	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 65.86 FILTER LOT # A10530909

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Ti-O-050 (9/05)

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TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/17/05 SITE NUMBER 24 PURGING DEVICE MICROPURGE DEDICATED PUMP

PROGRAM NAME B6MP TRIP BLANK I.D. V24TB1136 SAMPLING DEVICE MICROPURGE DEDICATED PUMP

MONITORING WELL IDENTIFICATION 24-MW-23B PID READING IN CASING (ppm) (initial) 0.4 (vented to) 0.0

SAMPLE I.D. V24MW23B DUPLICATE I.D. / COLLECTION TIME —/— PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 37.83 TOTAL WELL DEPTH (ft btoc) 77.9

WATER COLUMN (feet) 40.0 TUBING DIAMETER (in) 1/4 SAMPLER'S SIGNATURE

PUMP & TUBING (V) (L) 0.33 5 V (L) 1.65

Time	Activity	Water Level (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (L)	Pump & Tubing Volumes Purged	Flow Rate (LPM)
1205	Arrived at well	—	—	—	—	—	—	—	—	—	—	—
1229	Begin Purge	—	—	—	—	—	—	—	—	—	—	0.27
1231		37.85	19.49	976	6.28	2.81	6.86	193.7	clear	0.54	1.63	
1233		37.87	19.27	962	6.21	0.96	6.51	198.8	clear	1.08	3.27	
1235		37.87	19.18	927	6.12	0.76	6.15	204.4	clear	1.62	4.90	
1237		37.88	19.10	914	6.02	0.66	6.02	210.3	clear	2.16	6.54	
1238	End Purge											
1240	Sample											
1310	Vacated well	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 37.88 FILTER LOT # A1042 7464

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ±5%
pH ±0.1 Turbidity 5 NTUs

Comments: Attempted to get flow rate going, went up incrementally till enough water flowed. Very little drawdown, could probably pump @ a faster rate.

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

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Form number Tt-O-049 (9/05)

TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/17/05 SITE NUMBER 24 PURGING DEVICE MICROPURGE DEDICATED PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1136 SAMPLING DEVICE MICROPURGE DEDICATED PUMP

MONITORING WELL IDENTIFICATION 24-MW-24B PID READING IN CASING (ppm) (initial) 0.0 (vented to) 0.0

SAMPLE I.D. V24MW24B DUPLICATE I.D. / COLLECTION TIME V99W585/1700 PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 35.46 TOTAL WELL DEPTH (ft btoc) 77.0

WATER COLUMN (feet) 41.5 TUBING DIAMETER (in) 1/4 SAMPLER'S SIGNATURE [signature]

PUMP & TUBING (V) (L) 0.34 5 V (L) 1.7

Time	Activity	Water Level (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (L)	Pump & Tubing Volumes Purged	Flow Rate (LPM)
1150	Arrived at well	—	—	—	—	—	—	—	—	—	—	—
1206	Begin Purge	—	—	—	—	—	—	—	—	—	—	0.30
1208		35.52	20.01	2307	5.86	2.73	5.81	186.4	clear	0.60	1.76	↓
1210		35.52	19.53	2318	5.83	2.21	6.12	189.2	clear	1.20	3.52	↓
1212		35.52	19.26	2316	5.87	1.12	6.53	204.9	clear	1.80	5.29	↓
1213	END PURGE	—	—	—	—	—	—	—	—	—	—	—
1215	SAMPLE	35.52	—	—	—	—	—	—	—	—	—	—
1255	Vacated well	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 35.52 FILTER LOT # A 103 14700

Comments: —

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ±5%
pH ±0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-049 (9/05)

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/17/05 SITE NUMBER 24 PURGING DEVICE MICROPURGE DEDICATED PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1136 SAMPLING DEVICE MICROPURGE DEDICATED PUMP

MONITORING WELL IDENTIFICATION 24-MW-25B PID READING IN CASING (ppm) (initial) ND (vented to) —

SAMPLE I.D. V24MW25B DUPLICATE I.D. / COLLECTION TIME —/— PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) —

STATIC WATER LEVEL (ft btoc) 23.67 TOTAL WELL DEPTH (ft btoc) 53.3

WATER COLUMN (feet) 29.6 TUBING DIAMETER (in) 1/4 SAMPLER'S SIGNATURE

PUMP & TUBING (V) (L) 0.35 5 V (L) 1.75

Time	Activity	Water Level (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (L)	Pump & Tubing Volumes Purged	Flow Rate (LPM)
1315	Arrived at well	—	—	—	—	—	—	—	—	—	—	—
1334	Begin Purge	—	—	—	—	—	—	—	—	—	—	0.14
1336		23.71	18.42	1536	5.77	0.53	5.34	241.0	clear	0.28	0.80	↓
1338		23.71	18.21	1545	5.75	0.47	4.82	243.6	clear	0.56	1.6	↓
1340		23.71	18.01	1556	5.72	0.38	4.52	249.3	clear	0.84	2.4	↓
1342	Increase flow	23.73	17.89	1566	5.71	0.38	4.26	251.5	clear	1.24	3.5	0.20
1344		23.74	17.63	1593	5.70	0.37	4.05	252.7	clear	1.64	4.6	↓
1346		23.74	17.38	1592	5.69	0.35	3.91	254.9	clear	1.84	5.2	↓
1347	End Purge											
1350	Sample											
1355	Vacated well	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 23.74 FILTER LOT # —

Comments: Slight drawdown @ 0.2 Lpm.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ±5%
pH ±0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-049 (9/05)

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TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE NOV. 29, 2005 SITE NUMBER 24

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1152

MONITORING WELL IDENTIFICATION 24-PMW-26

SAMPLE I.D. V24PMW26 DUPLICATE I.D. / COLLECTION TIME —

STATIC WATER LEVEL (ft btoc) 10.32 TOTAL WELL DEPTH (ft btoc) 23.9

WATER COLUMN (feet) 13.6 CASING DIAMETER (in) 2

WELL VOLUME (V) (gals) 2.31 3 V (gals) 7.0 BAILER BOX # 197

PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

SAMPLING DEVICE DISPOSABLE TEFLON BAILER

PID READING IN CASING (ppm) (initial) 0.0 (vented to) 0.0

PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

SAMPLER'S SIGNATURE

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1138	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1146	Begin Purge	—	23.5	—	—	—	—	—	—	—	—	—	0.5
1151		14.31		18.89	2493	6.87	27.5	5.94	0.1	clear	2.5	1.08	
1156		16.54		19.98	2548	6.68	16.1	4.95	2.5	clear	5.0	2.70	
1201		19.11		20.40	2760	6.58	39.7	5.05	1.9	clear	7.5	3.25	
1206		20.92		20.64	2943	6.54	25.0	5.79	-11.1	clear	10.0	4.33	
1211		22.63		20.79	3015	6.52	40.1	5.94	-11.3	clear	12.5	5.43	
1215	~~END~~ WELL PURGE	DRY											
1425	SAMPLE	19.47	—	18.92	2645	6.31	49.8	6.46	35.1	—			
1430	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 19.47 FILTER LOT # —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ±5%
pH ±0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
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Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE: NOV. 29 2005 SITE NUMBER: 24

PROGRAM NAME: BGMP TRIP BLANK I.D.: V24TB1152

MONITORING WELL IDENTIFICATION: 24-MW-26A

SAMPLE I.D.: V24MW26A DUPLICATE I.D. / COLLECTION TIME: —

STATIC WATER LEVEL (ft btoc): 10.82 TOTAL WELL DEPTH (ft btoc): 50.4

WATER COLUMN (feet): 39.58 CASING DIAMETER (in): 4

WELL VOLUME (V) (gals): 25.7 3 V (gals): 77.2 BAILER BOX #: 197

PURGING DEVICE: 2" SUBMERSIBLE GRUNDFOS PUMP

SAMPLING DEVICE: DISPOSABLE TEFLON BAILER

PID READING IN CASING (ppm) (initial): 1.5 (vented to): 0.0

PID READING IN BREATHING ZONE (ppm) (initial): 0.0 (vented to): 0.0

SAMPLER'S SIGNATURE:

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1224	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1233	Begin Purge	—	50	—	—	—	—	—	—	—	—	—	1
1237		17.21		18.96	1711	6.76	6.55	8.23	9.8	clear	4	0.16	
1241		20.22		19.27	1734	6.40	5.18	7.71	22.2	clear	8	0.31	
1245		~~24~~ 22.91		19.51	1753	6.16	4.18	7.62	35.7	clear	12	0.47	
1249		23.72		19.55	1758	6.12	4.16	7.63	38.3	clear	16	0.62	
1259		26.85		19.73	1780	6.02	3.41	7.54	45.2	clear	26	1.01	
1309	RAISE PUMP	28.97	40	19.82	1795	6.00	4.39	6.47	8.0	clear	36	1.4	
1319		29.97		19.94	1797	5.97	3.42	6.68	34.3	clear	46	1.7	
1329		30.67		19.82	1786	5.95	3.28	7.01	17.8	clear	56	2.2	
1339		31.23		19.82	1783	5.95	2.68	7.06	19.2	clear	66	2.6	
1349		31.61		19.75	1776	5.94	3.43	7.16	41.4	clear	76	3.0	
1350	END PURGE												
—	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm): — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 25.41 FILTER LOT #: —

Comments: PUMP RATE SLOW @ 1 GPM DUE TO PUMP SENSITIVITY.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature	±1 C (1.8 F)	Conductivity	±5%
pH	±0.1	Turbidity	5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
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Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE NOV. 29, 2005 SITE NUMBER 24

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1152

MONITORING WELL IDENTIFICATION 24-MW-26A

SAMPLE I.D. V24MW26A DUPLICATE I.D. / COLLECTION TIME —

STATIC WATER LEVEL (ft btoc) 10.82 TOTAL WELL DEPTH (ft btoc) 50.4

WATER COLUMN (feet) 39.58 CASING DIAMETER (in) 4

WELL VOLUME (V) (gals) 25.7 3 V (gals) 77.2 BAILER BOX # ~~196~~ PL 197

PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

SAMPLING DEVICE DISPOSABLE TEFLON BAILER

PID READING IN CASING (ppm) (initial) 1.5 (vented to) 0.0

PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

SAMPLER'S SIGNATURE [signature]

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
—	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
—	Begin Purge	—		—	—	—	—	—	—	—	—	—	—
1405	SAMPLE	—		18.89	1529	6.49	4.06	2.96	44.2	OPSC			—
1430	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 25.41 FILTER LOT # —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature	±1 C (1.8 F)	Conductivity	±5%
pH	±0.1	Turbidity	5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

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Form number Tt-O-050 (9/05)

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Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/30/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. U24TB1154 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-26B PID READING IN CASING (ppm) (initial) 0.1 (vented to) ND

SAMPLE I.D. U24MW26B DUPLICATE I.D. / COLLECTION TIME —/— PID READING IN BREATHING ZONE (ppm) (initial) ND (vented to) ND

STATIC WATER LEVEL (ft btoc) 11.85 TOTAL WELL DEPTH (ft btoc) 68.4

WATER COLUMN (feet) 56.6 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 36.8 3 V (gals) 110.3 BAILER BOX # 197

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1058	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1105	Begin Purge	—	68.2	—	—	—	—	—	—	—	—	—	2.0
1106-1120	Generator & Pump Problems* (UCI error)												
1125	Begin Purge												
1135		22.59	63.0	20.23	1307	5.95	8.59	6.67	205.5	Clear	20	0.54	
1138	Pump stopped - Reduce flow rate (UCI error)												1.0
1155	Begin Purge		63.0										
1205		30.98	63.0	~~30.78~~ 20.21	1295	5.82	3.70	6.63	213.2	Clear	30	0.81	
1215		33.62	63.0	20.35	1304	5.79	3.00	6.25	235.3		40	1.1	
1225		33.23	63.0	20.26	1299	5.78	3.51	6.31	242.7		50	1.4	
1235		34.97	63.0	20.33	1300	5.78	3.60	6.20	237.9		60	1.7	
1245		35.25	63.0	20.27	1283	5.76	4.92	5.83	251.9		70	2.0	
1248	Raise Pump		53.0										
—	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 20.15 FILTER LOT # —

Comments: * MQ 6000 Generator & Grundfos pump w/ dirty impellers
UCI error on control box

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature	±1 C (1.8 F)	Conductivity	± 5%
pH	± 0.1	Turbidity	5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
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Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/30/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1154 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-26B PID READING IN CASING (ppm) (initial) 0.1 (vented to) 0.0

SAMPLE I.D. V24MW26B DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 11.85 TOTAL WELL DEPTH (ft btoc) 68.4

WATER COLUMN (feet) 56.6 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 36.8 3 V (gals) 110.3 BAILER BOX # 197

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
—	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
—	Begin Purge	—	—	—	—	—	—	—	—	—	—	—	1.0
1255		36.13	53.0	20.72	1285	5.80	3.77	5.90	253.3	Clear	80	2.17	
1305		36.53	53.0	20.56	1298	5.76	4.70	6.05	262.0	Clear	90	2.45	
1307	Raise Pump		43.0	~~20.51~~	~~1288~~								
1315		36.92	43.0	20.56	1289	5.76	3.21	5.93	253.2	Clear	100	2.71	
1325		37.12	43.0	20.56	1285	5.77	3.05	5.81	269.3	Clear	110	2.98	
1335		37.23	43.0	20.46	1293	5.76	2.03	6.68	223.5	Clear	120	3.26	
1337	End Purge												
1410	Sample	20.15	—	19.53	1174	6.05	4.91	5.16	266.8				
~~1420~~													
1420	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 20.15 FILTER LOT # —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ±5%
pH ±0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/7/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24 1165 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-27B PID READING IN CASING (ppm) (initial) 0.0 (vented to) 0.0

SAMPLE I.D. V24-MW-27B DUPLICATE I.D. / COLLECTION TIME -/- PID READING IN BREATHING ZONE (ppm) (initial) 6.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 11.81 TOTAL WELL DEPTH (ft btoc) 69.9

WATER COLUMN (feet) 58.1 CASING DIAMETER (in) 4" SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 37.8 3 V (gals) 113.3 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1250	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1258	Begin Purge	—	66	—	—	—	—	—	—	—	—	—	2.5
1306		27.20	66	19.56	1379	6.10	2.03	0.70	276.6	clear	20	0.53	2.5
1314		35.28	61	19.56	1389	6.74	1.61	0.36	245.7	clear	40	1.06	2.5
1322		39.05	55	19.64	1365	7.45	1.33	0.24	187.5	clear	60	1.59	2.5
1330		41.08	55	19.37	1357	7.35	1.22	0.63	52.0	clear	80	2.11	2.5
1338		42.48	50	19.38	1356	7.28	0.80	0.18	9.6	clear	100	2.65	2.5
1346		43.40	50	19.47	1357	6.78	0.79	0.15	4.6	clear	120	3.17	2.5
1354		44.11	50	19.57	1357	6.53	0.59	0.14	7.8	clear	140	3.70	2.5
1402		44.70	50	19.52	1356	6.54	0.61	0.18	13.1	clear	160	4.23	2.5
1410		45.12	50	19.55	1356	6.64	0.76	0.12	16.0	clear	180	4.76	2.5
1411	End Purge												~~2.5~~
1435	Sample	22.75	—	17.44	1300	6.44	3.00	2.67	73.2	clear	—	—	—
1455	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 22.75 FILTER LOT # —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature	±1 C (1.8 F)	Conductivity	± 5%
pH	± 0.1	Turbidity	5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Ti-O-050 (9/05)

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TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/8/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1166 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-28A PID READING IN CASING (ppm) (initial) 0.0 (vented to) 0.0

SAMPLE I.D. V24MW28A DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 10.81 TOTAL WELL DEPTH (ft btoc) 45.7

WATER COLUMN (feet) 34.9 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 6.0 3 V (gals) 18.0 BAILER BOX # 199

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1130	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1135	Begin Purge	—	45.2	—	—	—	—	—	—	—	—	—	1.0
1140		19.35		19.19	3118	6.53	52.7	3.96	165.4	clear	5.0	0.83	
1145		25.09		19.70	3177	6.40	36.3	3.45	176.7		10.0	1.66	
1150		30.2		20.12	3075	6.40	33.9	3.22	191.5		15.0	2.50	
1155		34.48		20.27	3011	6.40	24.3	3.18	199.3		20.0	3.33	
1200		36.40		20.31	3158	6.41	113	3.03	209.8	cloudy	25.0	4.16	
1205		***		20.17	2737	6.41	+200	3.38	217.6	grey	30.0	5.0	
1210	Well Purged DRY												
1225	Sample	33.21		19.88	2376	6.97	180	4.13	275.5	cloudy			
~~1240~~ 1240													
1240	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 33.21 FILTER LOT # —

Comments: *** Cannot get WLM past check valve

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ±5%
pH ±0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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TETRA TECH, INC.
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Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/30/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1154 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-29A PID READING IN CASING (ppm) (initial) 0.2 (vented to) 0.0

SAMPLE I.D. V24MW29A DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 10.60 TOTAL WELL DEPTH (ft btoc) 45.7

WATER COLUMN (feet) 35.1 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE

WELL VOLUME (V) (gals) 6.0 3 V (gals) 18.0 BAILER BOX # 197

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
1425	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1435	Begin Purge	—	45.0	—	—	—	—	—	—	—	—	—	1.0
1440		23.01		20.35	1551	6.00	2.52	6.18	99.5	Clear	5.0	0.83	
1445		26.32		20.40	1624	5.89	2.08	5.57	133.1		10.0	1.66	
1450		25.31**		20.47	1634	5.88	1.78	5.62	156.6		15.0	2.49	
1455		25.78		20.38	1643	5.95	1.23	5.26	179.2		20.0	3.33	
1456	End Purge												
1510	Sample	15.91	—	19.93	1610	6.64	4.16	5.93	168.1	—			
	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 15.91 FILTER LOT # —

Comments: ** Pump stopped momentarily due to Ground Fault Error

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

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TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 11/30/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. V24TB1154 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-30A PID READING IN CASING (ppm) (initial) 0.0 (vented to) 0.0

SAMPLE I.D. V24MW30A DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 8.84 TOTAL WELL DEPTH (ft btoc) 45.1

WATER COLUMN (feet) 36.26 CASING DIAMETER (in) 2 SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 6.2 3 V (gals) 18.6 BAILER BOX # 197

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
945	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
1000	Begin Purge	—	44.5	—	—	—	—	—	—	—	—	—	1.0
1005		20.23	44.5	19.47	1944	6.10	11.8	5.26	140.6	Clear	5.0	0.8	
1006	Raise Pump	—	40.0	—	—	—	—	—	—	—	—	—	
1010		22.84	40.0	19.74	1946	6.06	+200	1.74	140.2	grey	10.0	1.6	
1011	Raise Pump	~~22.84~~ 22.94	35.0	—	—	—	—	—	—	—	—	—	
1015		24.55	35.0	19.95	1985	6.07	57	1.39	140.1	cloudy	15.0	2.4	
1016	Raise Pump	—	30.0	—	—	—	—	—	—	—	—	—	
1020		25.70	30.0	20.13	1982	6.06	33.7	1.50	139.5	cloudy	20.0	3.2	
1025		26.46	30.0	20.07	2128	5.96	7.18	1.37	145.7	Clear	25.0	4.0	
1030		26.95	30.0	20.00	2158	5.93	3.03	1.33	147.8	clear	30.0	4.8	
1031	End Purge	—	—	—	—	—	—	—	—	—	—	—	—
1320	Sample	9.25	—	19.85	2006	6.05	3.72	2.88	259.6	—	—	—	—
1040	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: 9.25 FILTER LOT # —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1 C (1.8 F) Conductivity ±5%
pH ±0.1 Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

X:\IRP_Drive\Field_Work\Field_Coordination\Forms\Tto050,Field_Data_Log_Sheet_Grundfos.ai mh

TETRA TECH, INC.
4213 State Street, STE 100
Santa Barbara, CA 93110
Telephone (805) 681-3100
Telefax (805) 681-3108

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 12/7/05 SITE NUMBER 24 PURGING DEVICE 2" SUBMERSIBLE GRUNDFOS PUMP

PROGRAM NAME BGMP TRIP BLANK I.D. ~~EV247B 1165~~ 80 SAMPLING DEVICE DISPOSABLE TEFLON BAILER

MONITORING WELL IDENTIFICATION 24-MW-31B PID READING IN CASING (ppm) (initial) 0.2 (vented to) 0.0

SAMPLE I.D. — DUPLICATE I.D. / COLLECTION TIME — PID READING IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

STATIC WATER LEVEL (ft btoc) 65.76 TOTAL WELL DEPTH (ft btoc) 66.6

WATER COLUMN (feet) 0.84 CASING DIAMETER (in) 4 SAMPLER'S SIGNATURE [signature]

WELL VOLUME (V) (gals) 0.55 3 V (gals) 1.65 BAILER BOX # —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C)	EC (µmhos/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well Volumes Purged	Flow Rate (GPM)
0935	Arrived at well	—	—	—	—	—	—	—	—	—	—	—	—
—	Begin Purge	—	—	—	—	—	—	—	—	—	—	—	—
0940	Insufficient H_2O in well → No Sample collected												
0945	Vacated well	—	—	—	—	—	—	—	—	—	—	—	—

Fe+2 (ppm) — Taken from first bailer immediately before sampling.

WATER LEVEL (ft btoc) AT TIME OF SAMPLING: — FILTER LOT # —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1 C (1.8 F)	Conductivity ± 5%
pH ± 0.1	Turbidity 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected above background in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

Form number Tt-O-050 (9/05)

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APPENDIX B CHAIN-OF-CUSTODY RECORDS

TETRA TECH, INC.
4213 State Street, Suite 100
Santa Barbara, CA 93110
Phone (805) 681-3100
FAX (805) 681-3108

SHIPPED TO: EMAX Labs
1835 West 205th Street
Torrance, CA 90501

05K155

CHAIN OF CUSTODY RECORD

SITE 24 DATE 11/16/05 PAGE 1 OF 1

CLIENT: Vandenberg, AFB
PROJECT NAME: BGMP
PROJECT MANAGER: Kevin McNamara
TC#: T99105-06
SAMPLERS (Signatures): X [signature] X

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 Diesel / Gasoline	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 / ~~7471~~ Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	8015 as methanol/ethanol				Matrix Type	Container Type	Number of Containers	Filtered Sample	OBSERVATIONS/COMMENTS
1.	V24TB1133	11/16/05	0800	X																	W	g	2		
2.	V24MW12A	↓	1015	X	X			X		X							X				W	g/p	13		
3.	V24MW12AF		1020							X											W	p	1	X	
4.	V24PMW11		1320	X	X			X		X							X				W	g/p	13		
5.	V24PMW11F		1325							X											W	p	1	X	
6.	V24MW12B		1125	X	X			X		X							X				W	g/p	13		
7.	V24MW12BF		1130							X											W	p	1	X	
8.	V24MW2		1435	X	X			X		X							X				W	g/p	13		
9.	V24MW2F	↓	1440							X											W	p	1	X	

MATRIX TYPE: S = Soil, W = Water, SD = Sediment
CONTAINER TYPE: G = Glass, SS = Stainless Steel, P = Plastic, E = Encore
PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.
T=4.0°C, T=3.6°C
TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:		DATE:	TIME:	TOTAL NUMBER OF CONTAINERS
Brian Dow	[signature]	TETRA TECH, INC.	11/17/05	1040	58
RECEIVED BY: GEORGE LIM	SIGNATURE: [signature]	COMPANY: EMAX	DATE: 11/17/05	TIME: 10:40	METHOD OF SHIPMENT: Courier
RELINQUISHED BY: GEORGE LIM	SIGNATURE: [signature]	COMPANY: EMAX	DATE: 11/17/05	TIME: 13:15	SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY: SITNIKOV	SIGNATURE: [signature]	COMPANY: EMAX	DATE: 11.17.05.	TIME: 13:15	

002

TETRA TECH, INC.
4213 State Street, Suite 100
Santa Barbara, CA 93110
Phone (805) 681-3100
FAX (805) 681-3108

SHIPPED TO: EMAX Labs
1835 West 205th Street
Torrance, CA 90501

05K171

CHAIN OF CUSTODY RECORD

A2/D3/D4/VW09-23, 24

SITE 24 DATE 11/17/05 PAGE 1 OF 2

CLIENT	Vandenberg, AFB
PROJECT NAME	BGMP
PROJECT MANAGER	Kevin McNamara
TC#	T99105-06
SAMPLERS (Signatures)	X [signature] X [signature]

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 Diesel / ~~Gasoline~~	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 / ~~7471~~ Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	SW8015 Gas	SW8015 TPH As Methanol/Ethanol			Matrix Type	Container Type	Number of Containers	Filtered Sample	
1	V24 MW4BM	11/17/05	1020	X	X			X		X							X	X			W	G/P	38		MS/MSD
2	V24 MW4BF		1025							X												P	1	X	
3	V24 MW24B		1215	X	X			X		X							X	X				G/P	13		
4	V24 MW24BF		1220							X												P	1	X	
5	V99 W585		1700	X	X			X		X							X	X				G/P	13		
6	V99 W585F		1705							X												P	1	X	
7	V24 MW17B		1335	X	X			X		X							X	X				G/P	13		
8	V24 MW17BF		1340							X												P	1	X	
9	V24MW10B		1440	X	X			X		X							X	X				G/P	13		
10	V24MW10BF		1445							X												P	1	X	

MATRIX TYPE: S = Soil, W = Water, SD = Sediment
CONTAINER TYPE: E = Encore; G = Glass, SS = Stainless Steel, P = Plastic
PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.
TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:	TETRA TECH, INC.	DATE:	TIME:	TOTAL NUMBER OF CONTAINERS
Matt Houlahan	[signature]		11/18/05	1015	95 of 124
RECEIVED BY: GEORGE Lim	SIGNATURE: [signature]	COMPANY: EMAX	DATE: 11/18/05	TIME: 10:20	METHOD OF SHIPMENT
RELINQUISHED BY: GEORGE Lim	SIGNATURE: [signature]	COMPANY: EMAX	DATE: 11/18/05	TIME: 13:15	SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY: Don Luna	SIGNATURE: [signature]	COMPANY: emax	DATE: 11/18/05	TIME: 1315	

1003

$T_1 = 3.7°C$
$T_2 = 3.5°C$
$T_3 = 3.0°C$

Tt-IRP-009 (04/26/05)

DISTRIBUTION: White = Lab Canary = Client Pink = Tetra Tech, Inc.

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4213 State Street, Suite 100
Santa Barbara, CA 93110
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FAX (805) 681-3108

SHIPPED TO: EMAX Labs
1835 West 205th Street
Torrance, CA 90501

05K171

CHAIN OF CUSTODY RECORD

SITE 24 DATE 11/17/05 PAGE 2 OF 2

CLIENT: Vandenberg, AFB
PROJECT NAME: BGMP
PROJECT MANAGER: Kevin McNamara
TC#: T99105-06
SAMPLERS (Signatures)
X [signature]
X [signature]

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 Diesel / ~~Gasoline~~	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 / ~~7471~~ Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	SW8015 GRS	SW8015TPH As Methanol/Ethanol			Matrix Type	Container Type	Number of Containers	Filtered Sample	
11	V24PMW19	11/17/05	1025	X	X					X							X				W	G/P	9		
12	V24PMW19F		1030							X												P	1	X	
13	V24MW23B		1240	X	X			X		X							X	X				G/P	13		
14	V24MW23BF		1245							X												P	1	X	
15	V24MW25B		1350	X																		G	3		
16	V24TB1136		0800	X																		G	2		

MATRIX TYPE: S = Soil, W = Water, SD = Sediment
CONTAINER TYPE: E = Encore; G = Glass, SS = Stainless Steel, P = Plastic
PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.
TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:	TETRA TECH, INC.	DATE:	TIME:	TOTAL NUMBER OF CONTAINERS
Matt Houlahan	[signature]		11/18/05	1015	29 of 124
RECEIVED BY: GEORGE Lim	SIGNATURE: [signature]	COMPANY: EMAX	DATE: 11/18/05	TIME: 10:20	METHOD OF SHIPMENT
RELINQUISHED BY: GEORGE Lim	SIGNATURE: [signature]	COMPANY: EMAX	DATE: 11/18/05	TIME: 13:15	SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY: Jon Luna	SIGNATURE: [signature]	COMPANY: emax	DATE: 11/18/05	TIME: 1315	

1004

DISTRIBUTION: White = Lab Canary = Client Pink = Tetra Tech, Inc.

TETRA TECH, INC.
4213 State Street, Suite 100
Santa Barbara, CA 93110
Phone (805) 681-3100
FAX (805) 681-3108

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1835 West 205th Street
Torrance, CA 90501

05K179

CHAIN OF CUSTODY RECORD

SITE 24 DATE 11/18/05 PAGE 1 OF 1

I21/VW01-35

CLIENT	Vandenberg, AFB
PROJECT NAME	BGMP
PROJECT MANAGER	Kevin McNamara
TC#	T99105-06
SAMPLERS (Signatures)	
X	Bert Grove
X	

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 ~~Diesel~~ Gasoline	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 / ~~7471~~ Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	SW8015B TPH as Ethanol/Methanol	SW8015B TPH as Diesel			Matrix Type	Container Type	Number of Containers	Filtered Sample	
1	V24TB1139	11/18/05	0800	X																	W	G	2	–	
2	V24MW14B	↓	1535	X	X			X		X							X	X			↓	G/P	13	–	
3	V24MW14BF	↓	1540							X											↓	P	1	X	Filtered
4	V24MW15B	↓	1630	X	X			X		X							X	X			↓	G/P	13	–	
5	V24MW15BF	↓	1635							X											↓	P	1	X	Filtered
6	V24MW19B	↓	1400	X	X					X								X			↓	G/P	~~9~~ 17	JBH	
7	V24MW19BF	↓	1405							X											↓	P	1	X	Filtered
8	V99W586	↓	1630	X	X					X								X			↓	G/P	~~9~~ 16	JBH	
9	V99W586F	↓	1635							X											↓	P	1	X	Filtered

MATRIX TYPE: S = Soil, W = Water, SD = Sediment

CONTAINER TYPE: E = Encore; G = Glass, SS = Stainless Steel, P = Plastic

PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:	TETRA TECH, INC.	DATE:	TIME:	TOTAL NUMBER OF CONTAINERS
Jennifer Higgins	[signature]		11/21/05	1030	45 ~~50~~ JBH of ~~50~~ JBH 45
RECEIVED BY: Bruce Boysen	SIGNATURE: Bruce Boysen	COMPANY: PDS #638	DATE: 11/21/05	TIME: 1030	METHOD OF SHIPMENT: Courier
RELINQUISHED BY:	SIGNATURE:	COMPANY:	DATE:	TIME:	SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY: Dmitrov	SIGNATURE: [signature]	COMPANY: EMAX LAB.	DATE: 11.21.05.	TIME: 13:50	

Cooler #1 T=2.8°C Cooler #2 T=3.5°C

Tt-IRP-009 (04/26/05)

DISTRIBUTION: White = Lab Canary = Client Pink = Tetra Tech, Inc.

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4213 State Street, Suite 100
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Phone (805) 681-3100
FAX (805) 681-3108

I16/VW01-29

SHIPPED TO: EMAX Labs
1835 West 205th Street
Torrance, CA 90501

05K202

CHAIN OF CUSTODY RECORD

SITE 24 DATE 11/28/05 PAGE 1 OF 2

CLIENT: Vandenberg, AFB
PROJECT NAME: BGMP
PROJECT MANAGER: Kevin McNamara
TC#: T99105-06
SAMPLERS (Signatures): X X

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 ~~Diesel~~ Gasoline	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 / ~~7471~~ Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	SW8015 Methanol/Ethanol	SW8015 Diesel			Matrix Type	Container Type	Number of Containers	Filtered Sample	OBSERVATIONS/COMMENTS
1.	V24TB1151	11/28/05	0800	X																	W	G	2		
2.	V24MW3A	↓	1500	X	X			X		X							X	X			↓	G/P	13		
3.	V24MW3AF		1505							X												P	1	X	
4.	V24MW3B		1230	X	X			X		X							X	X				G/P	13		
5.	V24MW3BF		1235							X												P	1	X	
6.	V24MW14A		1415	X	X												X	X				G/P	10		1L Amber (diesel) only.
7.	V24MW14AF		1420							X												P	1	X	
8.	V24MW15A		1335	X	X			X									X	X				G/P	11		1L Amber for diesel only.
9.	V24MW15AF		1340							X												P	1	X	
10.	V99W592	↓	1700	X	X			X		X							X	X			↓	G/P	13		

MATRIX TYPE: S = Soil, W = Water, SD = Sediment
CONTAINER TYPE: E = Encore; G = Glass, SS = Stainless Steel, P = Plastic
PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.
T= 3.8°C, T=3.5°C TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:		DATE:	TIME:	TOTAL NUMBER OF CONTAINERS
Krystal Freedom	Krystal Freedom	TETRA TECH, INC.	11.29.05	10:00am	66 of 67
RECEIVED BY:	SIGNATURE:	COMPANY:	DATE:	TIME:	METHOD OF SHIPMENT
GEORGE LIM		EMAX	11/29/05	10:00	Courier
RELINQUISHED BY:	SIGNATURE:	COMPANY:	DATE:	TIME:	SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:
GEORGE LIM		EMAX	11/29/05	12:15	
RECEIVED BY:	SIGNATURE:	COMPANY:	DATE:	TIME:	
SITNIKOV		EMAX LAB.	11.29.05.	12:15	

1002

DISTRIBUTION: White = Lab Canary = Client Pink = Tetra Tech, Inc.

TETRA TECH, INC.
4213 State Street, Suite 100
Santa Barbara, CA 93110
Phone (805) 681-3100
FAX (805) 681-3108

SHIPPED TO: EMAX Labs
1835 West 205th Street
Torrance, CA 90501

05K202

CHAIN OF CUSTODY RECORD

SITE 24 DATE 11/28/05 PAGE 2 OF 2

CLIENT: Vandenberg, AFB
PROJECT NAME: BGMP
PROJECT MANAGER: Kevin McNamara
TC#: T99105-06
SAMPLERS (Signatures)
X
X

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 Diesel / Gasoline	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 / 7471 Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate					Matrix Type	Container Type	Number of Containers	Filtered Sample	OBSERVATIONS/COMMENTS
11. V99W592 F	11/28/05	1705							X											W	P	1	X	

MATRIX TYPE: S = Soil, W = Water, SD = Sediment
CONTAINER TYPE: G = Glass, SS = Stainless Steel, P = Plastic, E = Encore
PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.
TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:		DATE:	TIME:	TOTAL NUMBER OF CONTAINERS
Krystal Freedom	Krystal Freedom	TETRA TECH, INC.	11-29-05	10:00AM	1 of 67
RECEIVED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	**METHOD OF SHIPMENT**
GEORGE Lim	[signature]	EMAX	11/29/05	10:00	Courier
RELINQUISHED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	**SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:**
GEORGE Lim	[signature]	EMAX	11/29/05	12:15	
RECEIVED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	
SITNIKOV	[signature]	EMAX LAB.	11.29.05.	12:15	

1003

Tt-IRP-009 (04/26/05)

DISTRIBUTION: White = Lab Canary = Client Pink = Tetra Tech, Inc.

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4213 State Street, Suite 100
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FAX (805) 681-3108

D4/VW01-36

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Torrance, CA 90501

05K213

CHAIN OF CUSTODY RECORD

SITE 24 DATE 11/29/05 PAGE 1 OF 1

CLIENT: Vandenberg, AFB
PROJECT NAME: BGMP
PROJECT MANAGER: Kevin McNamara
TC#: T99105-06
SAMPLERS (Signatures): X X

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 ~~Diesel~~/ Gasoline	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 / ~~7471~~ Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	SW8015 Methanol/Ethanol	SW8015 Diesel			Matrix Type	Container Type	Number of Containers	Filtered Sample	OBSERVATIONS/COMMENTS
1	V24TB1152	11/29/05	0800	X																	W	G	2		
2	V24MW26A	↓	1405	X																	↓	G	3		
3	V24PMW26	↓	1425	X																	↓	G	3		
4	V24MW22A	↓	1445	X	X			X		X							X	X			↓	G/P	13		
5	V24MW22AF	↓	1450							X											↓	P	1	X	

MATRIX TYPE: S = Soil, W = Water, SD = Sediment

CONTAINER TYPE: G = Glass, SS = Stainless Steel, P = Plastic, E = Encore

PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:		DATE:	TIME:	TOTAL NUMBER OF CONTAINERS
Joachim Eberhardt		TETRA TECH, INC.	11/30/05	1015	22
RECEIVED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	**METHOD OF SHIPMENT**
GEORGE LIM		EMAX	11/30/05	10:15	Courier
RELINQUISHED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	**SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:**
GEORGE LIM		EMAX	11/30/05	12:15	
RECEIVED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	
INDRA PATEL		EMAX	11/30/05	12:15	

T= 3.8 C

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05L007

CHAIN OF CUSTODY RECORD

SITE 24 DATE ~~11/23/05~~ 11/30/05 PAGE 1 OF 1

CLIENT	Vandenberg, AFB
PROJECT NAME	BGMP
PROJECT MANAGER	Kevin McNamara
TC#	T99105-06
SAMPLERS (Signatures)	X Brian Dow; X Bartering

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 Diesel / Gasoline	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 / 7471 Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	Matrix Type	Container Type	Number of Containers	Filtered Sample
1	V24TB1154	11/30/05	0810	X													W	G	2	
2	V24MW29A	↓	1510	X													↓	↓	3	
3	V24MW26B	↓	1410	X													↓	↓	3	
4	V24MW30A	↓	1320	X													↓	↓	3	

Brian Dow

MATRIX TYPE: S = Soil, W = Water, SD = Sediment

CONTAINER TYPE: E = Encore; G = Glass, SS = Stainless Steel, P = Plastic

PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:		DATE:	TIME:
Brian Dow	Brian Dow	TETRA TECH, INC.	12/01/05	1025
RECEIVED BY: GEORGE Lim	SIGNATURE: George L	COMPANY: EMAX	DATE: 12/1/05	TIME: 10:25
RELINQUISHED BY: GEORGE Lim	SIGNATURE: George L	COMPANY: EMAX	DATE: 12/1/05	TIME: 12:50
RECEIVED BY: ANTHONY FORREST	SIGNATURE: [illegible]	COMPANY: EMAX	DATE: 12/1/05	TIME: 12:50

TOTAL NUMBER OF CONTAINERS: 11

METHOD OF SHIPMENT: Courier

SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:

① T-4.2°C

10001

Tt-IRP-009 (04/26/05)

DISTRIBUTION: White = Lab Canary = Client Pink = Tetra Tech, Inc.

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I16/VW01-51 05L019

CHAIN OF CUSTODY RECORD

SITE 24 DATE 12/1/05 PAGE 1 OF 1

CLIENT: Vandenberg, AFB
PROJECT NAME: BGMP
PROJECT MANAGER: Kevin McNamara
TC#: T99105-06
SAMPLERS (Signatures): X [signature] X [signature]

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 ~~Diesel~~/ Gasoline	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 / ~~7471~~ Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	SW8015/Diesel	SW8270 SIM 1,4-Dioxane	SW8015B Methanol/Ethanol	Matrix Type	Container Type	Number of Containers	Filtered Sample	OBSERVATIONS/COMMENTS
1	V24MW5A	12/1/05	1305	X	X			X									X	X	X	W	G	12		*no total metals sample collected
2	V24MW5AF		1310							X											P	1	X	due to limited well recharge
3	V24MW5B		1205	X	X			X		X							X	X	X		G/P	14		
4	V24MW5BF		1210							X											P	1	X	
5	V24PMW5		1240	X	X			X		X							X	X	X		G/P	14		
6	V24PMW5F		1245							X											P	1	X	
7	V24PMW4		1440	X	X			X		X							X	X	X		G/P	14		
8	V24PMW4F		1445							X											P	1	X	
9	V24TB1157		0800	X																	G	2		

MATRIX TYPE: S = Soil, W = Water, SD = Sediment
CONTAINER TYPE: G = Glass, SS = Stainless Steel, P = Plastic, E = Encore
PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.
TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:		DATE:	TIME:	TOTAL NUMBER OF CONTAINERS
Brian Dow	[signature]	TETRA TECH, INC.	12/2/05	1015	60
RECEIVED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	**METHOD OF SHIPMENT**
Phil Hatcher	[signature]	EMAX	12-2-05	1015	Courier
RELINQUISHED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	**SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:**
Phil Hatcher	[signature]	EMAX	12-2-05	1300	
RECEIVED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	
INDRA PATEL	[signature]	EMAX	12-2-05	1300	

Cooler #1 T=3.0°C Cooler #4 T=2.8°C
Cooler #2 T=2.6°C Cooler #3 T=3.2°C

1003

Tt-IRP-009 (04/26/05)

DISTRIBUTION: White = Lab Canary = Client Pink = Tetra Tech, Inc.

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05L041

CHAIN OF CUSTODY RECORD

SITE 24 DATE 12/5/05 PAGE 1 OF 2

CLIENT: Vandenberg, AFB
PROJECT NAME: BGMP
PROJECT MANAGER: Kevin McNamara
TC#: T99105-06
SAMPLERS (Signatures): X [signature] X [signature]

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 Gasoline / Diesel	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 ~~L7471~~ Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	8015 methanol/ethanol				Matrix Type	Container Type	Number of Containers	Filtered Sample	Observations/Comments
1	V24TB1162	12/5/05	0800	X																	W	g	2		
2	V24PMW82	↓	1315	X																	W	g	3		
3	V24PIW81		1405	X																	W	g	3		
4	V24PIW82		1530	X																	W	g	3		
5	V24MW8A		1445	X	X			X		X							X				W	g/p	13		
6	V24MW8AF		1450							X											W	p	1	X	
7	V24MW8A2	↓	1205	X																	W	g	3		
	~~V24MW~~																								
8	V24PMW8	12/5/05	1545	X	X			X		X							X				W	g/p	13		
9	V24PMW8F	↓	1550							X											W	p	1	X	

MATRIX TYPE: S = Soil, W = Water, SD = Sediment
CONTAINER TYPE: E = Encore; G = Glass, SS = Stainless Steel, P = Plastic
PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.
TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:		DATE:	TIME:	TOTAL NUMBER OF CONTAINERS
Brian Dow	[signature]	TETRA TECH, INC.	12/6/05	1020	42 of 56
RECEIVED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	**METHOD OF SHIPMENT**
GEORGE LIM	[signature]	EMAX	12/6/05	10:20	Courier
RELINQUISHED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	**SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:**
GEORGE LIM	[signature]	EMAX	12/6/05	13:05	
RECEIVED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	
JON LUNA	[signature]	emax	12/6/05	1305	

T=3.4°C, T=3.7°C, T=4.2°C

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05L041

CHAIN OF CUSTODY RECORD

SITE 24 DATE 12/5/05 PAGE 2 OF 2

CLIENT: Vandenberg, AFB
PROJECT NAME: BGMP
PROJECT MANAGER: Kevin McNamara
TC#: T99105-06
SAMPLERS (Signatures)
X
X

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 Diesel/ Gasoline	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 / 7471 Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	8015 methanol (ethanol)			Matrix Type	Container Type	Number of Containers	Filtered Sample	Observations/Comments
10	V9a BEB 1aa	12/5/05	0900	X	X			X		X						X	X			~~SW~~	~~W~~	14		

MATRIX TYPE: S = Soil, W = Water, SD = Sediment
CONTAINER TYPE: E = Encore; G = Glass, SS = Stainless Steel, P = Plastic
PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.
TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:		DATE:	TIME:	TOTAL NUMBER OF CONTAINERS
Brian Dow	Brian Dow	TETRA TECH, INC.	12/6/05	1020	14 of 56
RECEIVED BY: GEORGE LIM	SIGNATURE: George L	COMPANY: EMAX	DATE: 12/6/05	TIME: 10:20	METHOD OF SHIPMENT: courier
RELINQUISHED BY: GEORGE LIM	SIGNATURE: George L	COMPANY: EMAX	DATE: 12/6/05	TIME: 13:05	SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY: JON LUNA	SIGNATURE:	COMPANY: emax	DATE: 12/6/05	TIME: 1305	

1003

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05L064

CHAIN OF CUSTODY RECORD

K J5/VW01.50/52

SITE 24 DATE 12/7/05 PAGE 1 OF 2

CLIENT	Vandenberg, AFB
PROJECT NAME	BGMP
PROJECT MANAGER	Kevin McNamara
TC#	T99105-06
SAMPLERS (Signatures)	X [signature] X [signature]

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 [redacted] / Gasoline	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 / [redacted] Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	SW8015B Methanol/Ethanol	SW8015 Diesel			Matrix Type	Container Type	Number of Containers	Filtered Sample	
1	V24TB1165	12/7/05	800	X																	W	G	2		
2	V24MW20B	↓	1505	X	X													X			↓	g/p	7		Only 1 diesel bottle, no volume for 6010 total mets
3	V24MW20BF	↓	1510							X											↓	P	1	X	Filtered
4	V24MW27B	↓	1435	X																	↓	G	3		
5	V24PMW22	↓	1200	X	X			X		X							X	X			↓	g/p	13		
6	V24PMW22F	↓	1205							X											↓	P	1	X	Filtered
7	V99W598	↓	1700	X	X			X		X							X	X			↓	g/p	13		
8	V99W598F	↓	1705							X											↓	P	1	X	Filtered
9	V24MW22B	↓	1015	X	X			X		X							X	X			↓	g/p	13		
10	V24MW22BF	↓	1020							X											↓	P	1	X	Filtered

MATRIX TYPE: S = Soil, W = Water, SD = Sediment

CONTAINER TYPE: E = Encore; G = Glass, SS = Stainless Steel, P = Plastic

PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:	TETRA TECH, INC.	DATE:	TIME:	TOTAL NUMBER OF CONTAINERS
Joachim Eberhardt	[signature]		12/8/05	1100	55 of 96
RECEIVED BY: GEORGE LIM	SIGNATURE: [signature]	COMPANY: EMAX	DATE: 12/8/05	TIME: 11:00	METHOD OF SHIPMENT: EMAX
RELINQUISHED BY: GEORGE LIM	SIGNATURE: [signature]	COMPANY: EMAX	DATE: 12/8/05	TIME: 13:20	SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY: ANTHONY FLORENCO	SIGNATURE: [signature]	COMPANY: EMAX	DATE: 12/8/05	TIME: 13:20	

1003

(1) T - 2.2 °C
(2) T - 2.5 °C
(3) T - 2.7 °C

DISTRIBUTION: White = Lab Canary = Client Pink = Tetra Tech, Inc.

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05L064

CHAIN OF CUSTODY RECORD

SITE 24 DATE 12/7/05 PAGE 2 OF 2

CLIENT: Vandenberg, AFB
PROJECT NAME: BGMP
PROJECT MANAGER: Kevin McNamara
TC#: T99105-06
SAMPLERS (Signatures): X [signature] X [signature]

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 Diesel/Gasoline	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 ~~/ 7471~~ Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	8015 methanol/ethanol				Matrix Type	Container Type	Number of Containers	Filtered Sample	Observations/Comments
11	V24 PMW 18	12/7/05	1540	X	X					X											w	g/p	9		
12	V24 PMW 18F	↓	1545							X											w	p	1	X	
13	V24 PMW 21		1515	X	X					X											w	g/p	9		
14	V24 PMW 21F		1520							X											w	p	1	X	
15	V24 MW 21B		1435	X	X					X											w	g/p	9		
16	V24 MW 21BF		1440							X							(JE)				w	p	1	X	
17	V24 MW 16B		1325	X	X			X		X							~~X~~				w	g/p	10		No meth/eth sample collected (JE)
18	V24 MW 16BF		1330							X											w	p	1	X	

KP

MATRIX TYPE: S = Soil, W = Water, SD = Sediment
CONTAINER TYPE: G = Glass, SS = Stainless Steel, P = Plastic, E = Encore
PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.
TEMPERATURE BLANK EACH COOLER: (YES) NO

RELINQUISHED BY:	SIGNATURE:		DATE:	TIME:	TOTAL NUMBER OF CONTAINERS
Joachim Eberhardt	[signature]	TETRA TECH, INC.	12/8/05	1100	41 of 96
RECEIVED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	**METHOD OF SHIPMENT**
GEORGE LIM	[signature]	EMAX	12/8/05	11:00	EMAX
RELINQUISHED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	**SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:**
GEORGE LIM	[signature]	EMAX	12/8/05	13:20	
RECEIVED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	
ANTHONY FLORENDO	[signature]	EMAX	12/8/05	13:20	

1004

Tt-IRP-009 (04/26/05)

DISTRIBUTION: White = Lab Canary = Client Pink = Tetra Tech, Inc.

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05L080

CHAIN OF CUSTODY RECORD

B6 | VW01-18

SITE 24 DATE 12/08/05 PAGE 1 OF 2

CLIENT: Vandenberg, AFB
PROJECT NAME: BGMP
PROJECT MANAGER: Kevin McNamara
TC#: T99105-06
SAMPLERS (Signatures): X [signature] X [signature]

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 ~~Diesel~~ / Gasoline	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 / ~~7471~~ Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	SW8015 methanol/ethanol	SW8015 Diesel			Matrix Type	Container Type	Number of Containers	Filtered Sample	Observations/Comments
1	V24TB1166	12/8/05	0800	X																	W	G	2		
2	V24PMW9	↓	1250	X																	↓	G	3		
3	V24MW9A		1240	X																		G	3		
4	V24MW9B		1230	X																		G	3		
5	V99W599		1700	X	X			X		X							X	X				G/P	13		
6	V99W599F		1705							X												P	1	X	
7	V24MW10A		1335	[illegible]	[illegible]			X		X							[illegible]	X				G/P	13		NO VOCs, TPHg, Meth/Eth
8	V24MW10AF		1340							X												P	1	X	
9	V24PMW10		1400	X	X			X		X							X	X				G/P	13		
10	V24PMW10F	↓	1405							X											↓	P	1	X	

MATRIX TYPE: S = Soil, W = Water, SD = Sediment
CONTAINER TYPE: G = Glass, SS = Stainless Steel, P = Plastic, E = Encore
PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.
TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:		DATE:	TIME:	TOTAL NUMBER OF CONTAINERS
Brian Dow	[signature]	TETRA TECH, INC.	12/9/05	1020	53/120
RECEIVED BY:	SIGNATURE:	COMPANY:	DATE:	TIME:	METHOD OF SHIPMENT
GEORGE Lim	[signature]	EMAX	12/9/05	10:20	Courier
RELINQUISHED BY:	SIGNATURE:	COMPANY:	DATE:	TIME:	SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:
GEORGE Lim	[signature]	EMAX	12/9/05	13:10	
RECEIVED BY:	SIGNATURE:	COMPANY:	DATE:	TIME:	
JON LUNA	[signature]	EMAX	12/9/05	1310	

T = 3.7°C, T = 4.0°C
T = 3.5°C, T = 4.3°C

1003

DISTRIBUTION: White = Lab Canary = Client Pink = Tetra Tech, Inc.

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Torrance, CA 90501

05L080

CHAIN OF CUSTODY RECORD

SITE 24 DATE 12/8/05 PAGE 2 OF 2

CLIENT: Vandenberg, AFB
PROJECT NAME: BGMP
PROJECT MANAGER: Kevin McNamara
TC#: T99105-06
SAMPLERS (Signatures)
X [signature]
X [signature]

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 Diesel / Gasoline	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 / 7471 Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	SW8015 methanol/ethanol	SW8015 Diesel	SW8081A OCP	SW8041 OPP	Matrix Type	Container Type	Number of Containers	Filtered Sample
11	V24PMW1	12/8/05	1250	X	X			X		X							X	X	X	X	W	G/P	15	
12	V24PMW1F		1255							X												P	1	X
13	V99W600		1700	X	X			X		X							X	X	X	X		G/P	15	
14	V99W600F		1705							X												P	1	X
15	V24PMW3		1435	X	X			X		X							X	X	X	X		G/P	15	
16	V24PMW3F		1440							X												P	1	X
17	V24PMW2		1350	X	X			X		X							X	X	X	X		G/P	15	
18	V24PMW2F		1355							X												P	1	X
19	V24MW28A		1255	X																		G	3	

MATRIX TYPE: S = Soil, W = Water, SD = Sediment
CONTAINER TYPE: E = Encore
G = Glass, SS = Stainless Steel, P = Plastic
PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.
TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:		DATE:	TIME:	
Brian Dow	[signature]	TETRA TECH, INC.	12/9/05	1020	TOTAL NUMBER OF CONTAINERS: 67/120
RECEIVED BY: GEORGE Lim	SIGNATURE: [signature]	COMPANY: EMAX	DATE: 12/9/05	TIME: 10:20	METHOD OF SHIPMENT: courier
RELINQUISHED BY: GEORGE Lim	SIGNATURE: [signature]	COMPANY: EMAX	DATE: 12/9/05	TIME: 13:10	SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY: JON LUNA	SIGNATURE: [signature]	COMPANY: EMAX	DATE: 12/9/05	TIME: 1310	

1004

Tt-IRP-009 (04/26/05)

DISTRIBUTION: White = Lab Canary = Client Pink = Tetra Tech, Inc.

TETRA TECH, INC.
4213 State Street, Suite 100
Santa Barbara, CA 93110
Phone (805) 681-3100
FAX (805) 681-3108

J13 | J14 | VW01-11/13

SHIPPED TO: EMAX Labs
1835 West 205th Street
Torrance, CA 90501

05L098

CHAIN OF CUSTODY RECORD

SITE 24 DATE ~~9/12/05~~ 12/9/05 PAGE 1 OF 2

CLIENT: Vandenberg, AFB
PROJECT NAME: BGMP
PROJECT MANAGER: Kevin McNamara
TC#: T99105-06
SAMPLERS (Signatures)
X
X

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 ~~Diesel~~ / Gasoline	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 / ~~7471~~ Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	SW8015 METHANOL/ETHANOL	SW8015 Diesel			Matrix Type	Container Type	Number of Containers	Filtered Sample	Observations/Comments
1	V24TB1167	12/9/05	0800	X																	W	G	2		
2	V24MW8B		1035	X	X			X		X							X	X			W	G/P	13		
3	V24MW8BF		1040							X											W	P	1	X	
4	V24PMW13		1410	X	X			X		X							X	X			W	G/P	13		
5	V24PMW13F		1415							X											W	P	1	X	
6	V99W602		1700	X	X			X		X							X	X			W	G/P	13		
7	V99W602F		1705							X											W	P	1	X	
8	V24MW13B		1500	X	X			X		X							X	X			W	G/P	13		
9	V24MW13BF		1505							X											W	P	1	X	
10	V99W601		1730	X	X			X		X							X	X			W	G/P	13		

MATRIX TYPE: S = Soil, W = Water, SD = Sediment
CONTAINER TYPE: E = Encore; G = Glass, SS = Stainless Steel, P = Plastic
PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.
TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:		DATE:	TIME:	TOTAL NUMBER OF CONTAINERS
Brian Dow	Brian Dow	TETRA TECH, INC.	12/12/05	1040	71 of 114
RECEIVED BY:	SIGNATURE:	COMPANY:	DATE:	TIME:	METHOD OF SHIPMENT
Steve Cook	Steve Cook	PDS 981	12-12-05	10:40	Courier
RELINQUISHED BY:	SIGNATURE:	COMPANY:	DATE:	TIME:	SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:
Steve Cook	Steve Cook	PDS 981	12-12-05	1:18 pm	
RECEIVED BY:	SIGNATURE:	COMPANY:	DATE:	TIME:	
INDRA PATEL	[illegible]	EMAX	12-12-05	1:18 Pm	

Cooler #1 T = 2.2°C
Cooler #2 T = 3.3°C
Cooler #3 T = 4.0°C

1003

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TETRA TECH, INC.
4213 State Street, Suite 100
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Phone (805) 681-3100
FAX (805) 681-3108

SHIPPED TO: EMAX Labs
1835 West 205th Street
Torrance, CA 90501

05L098

CHAIN OF CUSTODY RECORD

SITE 24 DATE 12/09/05 PAGE 2 OF 2

CLIENT: Vandenberg, AFB
PROJECT NAME: BGMP
PROJECT MANAGER: Kevin McNamara
TC#: T99105-06
SAMPLERS (Signatures)
X
X

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 Diesel / Gasoline	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 / 7471 Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	SW8015 methanol/ethanol	SW8015 Diesel			Matrix Type	Container Type	Number of Containers	Filtered Sample	Observations/Comments
11	V99W601F	12/9/05	1735							X											W	P	1	X	
12	V99BEB200		0900	X	X			X		X						X	X	X				G/P	14		
13	V24MW11B		1430	X	X			X		X							X	X				G/P	13		
14	V24MW11BF		1435							X												P	1	X	
15	V24MW11A		1500	X	X			X		X							X	X				G/P	13		
16	V24MW11AF		1505							X												P	1	X	

MATRIX TYPE: S = Soil, W = Water, SD = Sediment
CONTAINER TYPE: G = Glass, SS = Stainless Steel, P = Plastic, E = Encore
PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.
TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:		DATE:	TIME:	TOTAL NUMBER OF CONTAINERS
Brian Dow	Brian Dow	TETRA TECH, INC.	12/12/05	1040	43 of 114
RECEIVED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	**METHOD OF SHIPMENT**
Steve Cook	Steve Cook	PDS981	12-12-05	10:40	Messenger
RELINQUISHED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	**SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:**
Steve Cook	Steve Cook	PDS981	12-12-05	1:18	
RECEIVED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	
INDRA PATEL	[signature]	EMAX	12-12-05	1:18 Pm	

1004

Tt-IRP-009 (04/26/05)

DISTRIBUTION: White = Lab Canary = Client Pink = Tetra Tech, Inc.

TETRA TECH, INC.
4213 State Street, Suite 100
Santa Barbara, CA 93110
Phone (805) 681-3100
FAX (805) 681-3108

VW01-16

SHIPPED TO: EMAX Labs
1835 West 205th Street
Torrance, CA 90501

05L105

CHAIN OF CUSTODY RECORD

SITE 24 DATE 12/12/05 PAGE 1 OF 1

CLIENT: Vandenberg, AFB
PROJECT NAME: BGMP
PROJECT MANAGER: Kevin McNamara
TC#: T99105-06
SAMPLERS (Signatures):
X
X

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS:

ANALYTICAL METHODS

	SAMPLE NO.	DATE	TIME	SW8260 Volatile Organics	SW8015 ~~Diesel~~ / Gasoline	SW8081 Pesticides	SW8082 PCBs	SW8270 SVOCs	SW8270 SIM PAHs	SW6010 / 7470 / 7471 Metals	E218.6 Chromium VI	E300/310.1/160.1 CL/S/ALK/TDS	E353.3/E415.1 N / TOC	RSK 175	E376.2 Sulfide	E314.0 Perchlorate	SW8015 METHANOL/ETHANOL				Matrix Type	Container Type	Number of Containers	Filtered Sample	OBSERVATIONS/COMMENTS
1	V24TB1169	12/12/05	0800	X																	W	G	2		
2	V24MW10A	12/12/05	1400	X	X												X				W	G	9		

JE

MATRIX TYPE: S = Soil, W = Water, SD = Sediment

CONTAINER TYPE: E = Encore; G = Glass, SS = Stainless Steel, P = Plastic

PRESERVATIVES: All samples are preserved at 4° C. Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER: YES NO

RELINQUISHED BY:	SIGNATURE:		DATE:	TIME:	TOTAL NUMBER OF CONTAINERS
Joachim Eberharter		TETRA TECH, INC.	12/12/05	1600	11 of 11
RECEIVED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	**METHOD OF SHIPMENT**
INDRA PATEL		EMAX	12/13/05	9:45	Fed EX
RELINQUISHED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	**SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS:**
RECEIVED BY:	**SIGNATURE:**	**COMPANY:**	**DATE:**	**TIME:**	

T=3.3 C

1001