BLUE ROCK
ENVIRONMENTAL, INC.

Mr. Mark Verhey
Humboldt County Health Department
Division of Environmental Health
100 H Street, Suite 100
Eureka, California 95501

June 19, 2006

Re: Second Quarter 2006 Groundwater Monitoring Report
Former Cash Oil Fortuna
409 South Fortuna Boulevard, Fortuna, CA
HCDEH LOP No. 12652
Blue Rock Project No. NC-004

Dear Mr. Verhey,

This report presents the results of the Second Quarter 2006 groundwater monitoring activities at 409 South Fortuna Boulevard, Fortuna, Humboldt County, California (site) (Figure 1), and was prepared for Clyde Harvey by Blue Rock Environmental, Inc. (Blue Rock).

Background

Site Description

The former Cash Oil Service Station is located on the corner of South Fortuna Boulevard and Newburg Road in Fortuna, California. The site is located in an area of low topographic relief and is considered part of the Eel River flood plain (Figure 1). The site formerly contained one single-story building with four pump islands that were used to dispense unleaded gasoline from four fiberglass lined, single walled steel 10,000-gallon underground storage tanks (UST), three in Complex #1 and one in Complex #2 (Figure 2).

Site History

On May 8, 1997, as part of a UST system upgrade, Clearwater Group (Clearwater) observed Tank Liners Inc. drill three soil borings B-1, B-2, and B-3 for collection of soil and groundwater samples as required by the HCDEH (Figure 2). Laboratory analytical results from the soil and groundwater samples indicated that an unauthorized release of petroleum had occurred from the UST system.

In May 2000, Cash Oil Company sold the property and upgraded UST system to Golden Gate Petroleum of Martinez, California.

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In August 2004, Beacom Construction (Beacom) of Fortuna, California, on behalf of Golden Gate Petroleum, removed the (4) 10,000-gallon USTs and associated fuel dispensers from the site. The site is being redeveloped as a commercial property.

Site Investigation History

Subsurface investigation activities have been ongoing at the site since 2000. A total of approximately 15 soil borings (B-1 through B-12, and HP-9 through HP-11) have been drilled and eighteen monitoring wells (MW-1 through MW-8 and MW-9A/B through MW-13A/B) have been installed at the site (Figure 2). Groundwater monitoring has been ongoing since the wells were installed. Monitoring well construction data are summarized on Table 1 and groundwater sample data are summarized on Table 2.

Summary of Chemical Type

The predominant chemical types that have been detected in the subsurface include total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX), and the fuel oxygenates MTBE, TBA, ETBE, and TAME.

Summary of Hydrogeology

The first couple feet below grade consists of baserock fill. The site is underlain by sediments characterized as elastic clayey silt (MH) from a depth of ~2 to ~17 feet bgs, which is underlain by gravel (GW/GM) with a lesser amount of sand (SW/SM) to a depth of ~20 feet bgs (the maximum depth explored).

There appears to be a perched water bearing zone located within the elastic clayey silt (MH) at a general depth interval of 4 to 10 feet bgs, referred to here as the A-Zone. This zone consists of fine-grained soil types, i.e. silt/clay. Stabilized water levels in the A-Zone wells have ranged from ~2.5 – 6.5 ft bgs; however, some have been dry during the summer and fall (coinciding with the dry season).

The gravel/sand (GW/SW) unit from a depth of ~17 to 20 feet bgs (and deeper) is referred to here as the B-Zone. B-Zone wells screened from 15 to 20 feet bgs have shown groundwater flow generally toward west and west-northwest. Stabilized water levels in the B-Zone wells have ranged from ~8 - 14 ft bgs, with the highest groundwater conditions appearing to occur in the winter and spring (coinciding with seasonal precipitation).

Potentiometric data from almost all of the other wells previously installed at the site (screened from 5 to 20 feet bgs) appear to fall within the pattern of data from the B-Zone, except MW-7, which appears to be more consistent with the A-Zone data.

Summary of Remedial Efforts

In August 2004, Blue Rock supervised Van Meter Construction of Redway, California excavate 2,034 tons of petroleum impacted soil from the vicinity of the former UST fuel system. The lateral extent of the excavation is shown on Figure 2, and the depth of the excavation was irregular, ranging from approximately 6 to 18 feet bgs. The remedial soil excavation removed an estimated 2,109 pounds (346 gallons) of hydrocarbons from the site. Blue Rock mixed approximately 750 pounds of ORC into the excavation backfill. Monitoring well MW-3 was destroyed during remedial excavation activities. Remedial activities are presented in Blue Rock's *Remedial Report of Findings*, dated September 1, 2004.

Field and Laboratory Activities

Groundwater Monitoring Activities

On March 21, 2006, all 11 projects wells (MW-9A&B through MW-13A&B) and MW-16 (Fortuna Beacon - Humboldt Petroleum) were gauged for depth to water, and sampled. MW-11A and MW-12A could not be sampled because they were dry.

Prior to sampling, an electronic water level indicator was used to gauge depth to water in each well, accurate to within ±0.01-foot. All wells were checked for the presence of light non-aqueous phase liquid (LNAPL) petroleum prior to purging. No measurable thicknesses of LNAPL were observed on groundwater in any of the wells.

In preparation for sampling, the wells were purged of groundwater until sampling parameters (temperature, pH, and conductivity) stabilized. Dissolved oxygen levels were also measured.

Following recovery of water levels to approximately 80% of their static levels, groundwater samples were collected from the wells using disposable polyethylene bailers and transferred to laboratory supplied containers. Sample containers were labeled, documented on a chain-of-custody form, and placed on ice in a cooler for transport to the project laboratory.

Purging instruments were cleaned between use by an Alconox® wash followed by double rinse in clean tap water to prevent cross-contamination. Purge and rinseate water was stored on-site in labeled 55-gallon drums pending future removal and disposal.

Groundwater monitoring and well purging information is presented on Gauge Data/Purge Calculations and Purge Data sheets (attached).

Groundwater Sample Analyses

Groundwater samples were analyzed by Kiff Analytical (Kiff), a DHS-certified laboratory, located in Davis, California, for the following analytes:

- TPHg, BTEX, and MTBE by EPA Method 5030/8260B.

Groundwater Monitoring Results

Groundwater Flow Direction and Gradient

On June 6, 2006, static groundwater in the A-Zone wells was present in the wells at depths ranging from approximately 3.59 (MW-10A) to Dry (MW-11A, MW-12A) feet bgs. The depth to water in MW-11A and MW-12A (>10 ft bgs) was not consistent with the other A-Zone wells (i.e. ~3.5-6 ft bgs). Gauging data, combined with well elevation data, were used to calculate groundwater elevations. Resulting groundwater elevations in A-Zone wells this quarter did not form a discernable pattern suitable for contouring (Figure 3a).

On June 6, 2006, static groundwater in the B-Zone wells was present in the wells at depths ranging from approximately 10.31 (MW-12B) to 12.00 (MW-13B) feet bgs. Gauging data, combined with well elevation data, were used to calculate groundwater elevations, and to generate a groundwater elevation and gradient map. Groundwater flow direction in the B-Zone was calculated to be toward the west at a gradient of 0.01 ft/ft (Figure 3b).

The groundwater levels between the well pairs were also evaluated for potential vertical gradients between the A-Zone and B-Zone. The table below summarizes June 6, 2006 data:

Nested Well Pair	A-Zone Groundwater Elevation (Ft MSL)	B-Zone Groundwater Elevation (Ft MSL)	Vertical Distance Between A and B Zones Mid-point of Screen (ft)	Calculated Vertical Gradient
MW-9A & MW-9B	52.43	46.84	10.5	0.53 ft/ft down
MW-10A & MW-10B	54.93	47.39	10.5	0.72 ft/ft down
MW-11A & MW-11B	Dry	47.48	10.5	NA
MW-12A & MW-12B	Dry	47.91	10.5	NA
MW-13A & MW-13B	54.91	46.62	10.5	0.79 ft/ft down

These results primarily show a potential downward flow direction between the A-Zone and the B-Zone.

Groundwater Sample Analytical Results A-Zone

LNAPL:	None
TPHg concentration:	<50 µg/L (MW-9A, MW-10A, MW-13A)
Benzene concentration:	<0.50 µg/L (MW-10A, MW-13A) to 9.4 µg/L (MW-9A)
MTBE Concentration:	<0.50 µg/L (MW-10A) to 34 µg/L (MW-9A)
Dissolved Oxygen:	2.34 mg/L (MW-9A), 1.73 mg/L (MW-10A), 0.51 mg/L (MW-13A)

Groundwater Sample Analytical Results B-Zone

LNAPL:	None
TPHg concentration:	<50 µg/L (MW-10B,11B,12B,13B, MW-16) to <200 µg/L (MW-9B)
Benzene concentration:	<0.50 µg/L (MW-10B,11B,12B,13B, MW-16) to <2 µg/L (MW-9B)
MTBE Concentration:	2.4 µg/L (MW-10B) to 840 µg/L (MW-9B)
Dissolved Oxygen:	3.50 mg/L (MW-9B), 2.75 mg/L (MW-10B), 0.76 mg/L (MW-11B), 0.90 mg/L (MW-12B), 0.91 mg/L (MW-13B)

Groundwater sample analytical results are shown graphically on Figures 4a and 4b. Cumulative groundwater sample analytical results are summarized in Table 2, and intrinsic bioremediation data are summarized in Table 3. Copies of the laboratory report and chain-of-custody form are attached.

Remarks

Groundwater sample analytical results fall within historical concentration range for the site and appear to be decreasing.

Project Status

- The site is currently being monitored on a quarterly basis per the HCDEH directives. The next quarterly sampling event is scheduled for September 2006. Groundwater samples will be analyzed for TPHg, BTEX, and MTBE.

Certification

This report was prepared under the supervision of a California Professional Geologist at Blue Rock. All statements, conclusions, and recommendations are based upon published results from past consultants, field observations by Blue Rock, and analyses performed by a state-certified laboratory as they relate to the time, location, and depth of points sampled by Blue Rock. Interpretation of data, including spatial distribution and temporal trends, are based on commonly used geologic and scientific principles. It is possible that interpretations, conclusions, and recommendations presented in this report may change, as additional data become available and/or regulations change.

Information and interpretation presented herein are for the sole use of the client and regulating agency. The information and interpretation contained in this document should not be relied upon by a third party.

The service performed by Blue Rock has been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the area of the site. No other warranty, expressed or implied, is made.

If you have any questions regarding this project, please contact us at (707) 441-1934.

Sincerely,
Blue Rock Environmental, Inc.

Prepared by:

Scott Ferriman
Project Scientist

Reviewed by:

Brian Gwinn, PG
Principal Geologist

PROFESSIONAL GEOLOGIST
BRIAN M. GWINN
No 6505
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STATE OF CALIFORNIA

Attachments:

- Table 1: Well Construction Details
- Table 2: Groundwater Elevations and Analytical Data
- Table 3: Intrinsic Bioremediation Data
- Figure 1: Site Location Map
- Figure 2: Site Plan
- Figure 3a: Groundwater Elevation Map – A-Zone– June 6, 2006
- Figure 3b: Groundwater Elevation Map – B-Zone– June 6, 2006
- Figure 4a: Groundwater Analytical Map – A-Zone – June 6, 2006
- Figure 4b: Groundwater Analytical Map – B-Zone – June 6, 2006
- Blue Rock Gauge/Purge Calculations and Well Purging Data field sheets
- Laboratory Analytical Report and Chain-of-Custody Form

Distribution:

- Mr. Clyde Harvey, 1785 Fort Douglas Circle, Salt Lake City, UT 84103
- Mr. Dennis O'Keefe, Golden Gate Petroleum, 501 Shell Avenue, Martinez, CA 94553

Table 1
WELL CONSTRUCTION DETAILS
Former Cash Oil Fortuna
409 South Fortuna Blvd, Fortuna, CA
Blue Rock Project No. NC-004

Monitoring Well Identification	Date Intstalled	Intstalled by	Casing Diameter (inches)	Total Depth (feet)	Blank Interval (feet)	Screened Interval (feet)	Slot Size (inches)	Filter Pack (feet)	Bentonite Seal (feet)	Cement Grout (feet)
MW-1**	1/10/01	Clearwater	2	20	0-5	5-20	0.02	4.5-20	3-4.5	0-3
MW-2**	1/11/01	Clearwater	2	15	0-5	5-15	0.02	4.5-15	3-4.5	0-3
MW-3*	1/10/01	Clearwater	2	20	0-5	5-20	0.02	4.5-20	3-4.5	0-3
MW-4**	1/11/01	Clearwater	2	20	0-5	5-20	0.02	4.5-20	3-4.5	0-3
MW-5**	3/2/02	Clearwater	2	20.5	0-5	5-20	0.02	4-20	3-4	0-3
MW-6**	3/2/02	Clearwater	2	20.5	0-5	5-20	0.02	4-20	3-4	0-3
MW-7**	3/2/02	Clearwater	2	20.5	0-5	5-20	0.02	4-20	3-4	0-3
MW-8**	6/11/02	Clearwater	2	20	0-5	5-20	0.02	4-20	3-4	0-3
MW-9A	8/17/05	Blue Rock	2	10	0-4	4-10	0.01	3-10	2-3	0-2
MW-9B	8/17/05	Blue Rock	2	20	0-15	15-20	0.01	14-20	13-14	0-13
MW-10A	8/17/05	Blue Rock	2	10	0-4	4-10	0.01	3-10	2-3	0-2
MW-10B	8/17/05	Blue Rock	2	20	0-15	15-20	0.01	14-20	13-14	0-13
MW-11A	8/17/05	Blue Rock	2	10	0-4	4-10	0.01	3-10	2-3	0-2
MW-11B	8/17/05	Blue Rock	2	20	0-15	15-20	0.01	14-20	13-14	0-13
MW-12A	3/15/06	Blue Rock	2	10	0-4	4-10	0.01	3-10	2-3	0-2
MW-12B	3/15/06	Blue Rock	2	20	0-15	15-20	0.01	14-20	13-14	0-13
MW-13A	3/15/06	Blue Rock	2	10	0-4	4-10	0.01	3-10	2-3	0-2
MW-13B	3/15/06	Blue Rock	2	20	0-15	15-20	0.01	14-20	13-14	0-13
Associated Well Previously Installed On Behalf of HPI at 390 S. Fortuna Blvd, Fortuna, CA										
MW-16 (HPI)	7/21/98	Clearwater	2	20	0-10	10-20	0.02	9-20	7-9	0-7

*MW-3 was removed during remedial excavation activities in 8/04.
**Monitoring wells destroyed under permit on March 15, 2006.

Table 2
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
Former Cash Oil Fortuna
409 South Fortuna Blvd, Fortuna, CA
Blue Rock Project No. NC-004

Sample ID	Sample Date	TOC (feet)	DTW (feet)	SPH (feet)	GWE (feet)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)
A-Zone (~4-10 ft bgs) Monitoring Well Groundwater Samples																	
MW-9A	8/22/05	58.57	--	--	--	well dry, no sample		--	--	--	--	--	--	--	--	--	--
Screen	12/16/05	58.57	4.26	0.00	54.31	<50	<0.5	<0.5	<0.5	<0.5	**2.0**	--	--	--	--	--	--
4' - 10'	3/21/06	58.57	2.77	0.00	55.80	<50	<0.5	<0.5	<0.5	<0.5	**1.3**	--	--	--	--	--	--
	6/6/06	58.57	6.14	0.00	52.43	<50	**9.4**	<0.5	<0.5	<0.5	**34**	--	--	--	--	--	--
MW-10A	8/22/05	58.52	4.53	0.00	53.99	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
Screen	12/16/05	58.52	3.28	0.00	55.24	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
4' - 10'	3/21/06	58.52	2.36	0.00	56.16	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/6/06	58.52	3.59	0.00	54.93	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-11A	8/22/05	58.18	--	--	--	well dry, no sample		--	--	--	--	--	--	--	--	--	--
Screen	12/16/05	58.18	--	--	--	well dry, no sample		--	--	--	--	--	--	--	--	--	--
4' - 10'	3/21/06	58.18	7.95	0.00	50.23	<50	<0.5	<0.5	<0.5	<0.5	**1.7**	--	--	--	--	--	--
	6/6/06	58.18	--	--	--	well dry, no sample		--	--	--	--	--	--	--	--	--	--
MW-12A	3/21/06	58.25	3.82	0.00	54.43	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
Screen	6/6/06	58.25	--	--	--	well dry, no sample		--	--	--	--	--	--	--	--	--	--
4' - 10'																	
MW-13A	3/21/06	59.02	3.47	0.00	55.55	<50	<0.5	<0.5	<0.5	<0.5	**3.8**	--	--	--	--	--	--
Screen	6/6/06	59.02	4.11	0.00	54.91	<50	<0.5	<0.5	<0.5	<0.5	**3.1**	--	--	--	--	--	--
4' - 10'																	
A-Zone (~4-10 ft bgs) Grab Groundwater Samples																	
B-4	3/14/00	--	~7	0.00	--	**210**	**4.1**	<0.5	<0.5	**0.79**	<0.5	<10	<1	<1	<1	--	--
B-5	3/14/00	--	~5	0.00	--	<50	<0.5	<0.5	<0.5	<1	**0.79**	<10	<1	<1	<1	--	--
B-6	3/14/00	--	~4	0.00	--	**110**	<0.5	<0.5	<0.5	<1	<0.5	<10	<1	<1	<1	--	--
B-7	3/14/00	--	~4	0.00	--	<50	<0.5	<0.5	<0.5	<1	<0.5	<10	<1	<1	<1	--	--
B-8	3/14/00	--	~4	0.00	--	**19,000**	**18**	**2.4**	**20**	**3.8**	**1,100**	<100	<5	**12**	**91**	--	--
B-9	3/14/00	--	~4	0.00	--	**20,000**	**36**	**22**	**11**	<8	**3,900**	<200	<10	<10	**310**	--	--
B-10	3/14/00	--	~2.5	0.00	--	<63	<0.5	<0.5	<0.5	<1	<0.5	<13	<1	<1	<1	--	--
B-11	3/14/00	--	~4.5	0.00	--	**14,000**	**26**	**2.6**	**41**	**5**	**580**	<100	<5	<5	**12**	--	--

Table 2
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
Former Cash Oil Fortuna
409 South Fortuna Blvd, Fortuna, CA
Blue Rock Project No. NC-004

Sample ID	Sample Date	TOC (feet)	DTW (feet)	SPH (feet)	GWE (feet)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)
B-Zone (~15-20 ft bgs) Monitoring Well Groundwater Samples																	
MW-9B	8/22/05	58.54	14.28	0.00	44.26	**220**	**1.6**	<1	<1	**1.0**	**860**	--	--	--	--	--	--
Screen	12/16/05	58.54	13.39	0.00	45.15	**120**	<1	<1	<1	<1	**1,000**	--	--	--	--	--	--
15' - 20'	3/21/06	58.54	10.10	0.00	48.44	<200	<2	<2	<2	<2	**920**	--	--	--	--	--	--
	6/6/06	58.54	11.70	0.00	46.84	<200	<2	<2	<2	<2	**840**	--	--	--	--	--	--
MW-10B	8/22/05	58.56	13.58	0.00	44.98	<50	<0.5	<0.5	<0.5	<0.5	**5.3**	--	--	--	--	--	--
Screen	12/16/05	58.56	10.91	0.00	47.65	<50	<0.5	<0.5	<0.5	<0.5	**1.8**	--	--	--	--	--	--
15' - 20'	3/21/06	58.56	7.41	0.00	51.15	<50	<0.5	<0.5	<0.5	<0.5	**0.99**	--	--	--	--	--	--
	6/6/06	58.56	11.17	0.00	47.39	<50	<0.5	<0.5	<0.5	<0.5	**2.4**	--	--	--	--	--	--
MW-11B	8/22/05	58.39	13.14	0.00	45.25	<50	<0.5	<0.5	<0.5	<0.5	**160**	--	--	--	--	--	--
Screen	12/16/05	58.39	10.85	0.00	47.54	<50	<0.5	<0.5	<0.5	<0.5	**180**	--	--	--	--	--	--
15' - 20'	3/21/06	58.39	7.31	0.00	51.08	<50	<0.5	<0.5	<0.5	<0.5	**120**	--	--	--	--	--	--
	6/6/06	58.39	10.91	0.00	47.48	<50	<0.5	<0.5	<0.5	<0.5	**110**	--	--	--	--	--	--
MW-12B	3/21/06	58.22	6.75	0.00	51.47	**94**	<0.5	<0.5	**0.68**	**2.4**	**4.6**	--	--	--	--	--	--
Screen	6/6/06	58.22	10.31	0.00	47.91	<50	<0.5	<0.5	<0.5	<0.5	**4.4**	--	--	--	--	--	--
15' - 20'																	
MW-13B	3/21/06	58.62	9.75	0.00	48.87	<50	<0.5	<0.5	<0.5	<0.5	**11**	--	--	--	--	--	--
Screen	6/6/06	58.62	12.00	0.00	46.62	<50	<0.5	<0.5	<0.5	<0.5	**17**	--	--	--	--	--	--
15' - 20'																	
MW-16	6/20/02	57.54	12.79	0.00	44.75	--	--	--	--	--	--	--	--	--	--	--	--
(Humboldt	9/3/02	57.54	14.49	0.00	43.05	--	--	--	--	--	--	--	--	--	--	--	--
Pet. Well)	12/11/02	57.54	15.41	0.00	42.13	--	--	--	--	--	--	--	--	--	--	--	--
Screen	3/7/03	57.54	10.90	0.00	46.64	--	--	--	--	--	--	--	--	--	--	--	--
10' - 20'	6/3/03	57.54	10.76	0.00	46.78	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/03	57.54	14.24	0.00	43.30	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/03	57.54	14.71	0.00	42.83	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/04	57.54	10.32	0.00	47.22	--	--	--	--	--	--	--	--	--	--	--	--
	6/8/04	57.54	12.33	0.00	45.21	--	--	--	--	--	--	--	--	--	--	--	--
	9/3/04	57.54	14.76	0.00	42.78	--	--	--	--	--	--	--	--	--	--	--	--
	12/8/04	57.54	13.27	0.00	44.27	--	--	--	--	--	--	--	--	--	--	--	--
	3/25/05	57.54	10.91	0.00	46.63	--	--	--	--	--	--	--	--	--	--	--	--
	6/13/05	57.54	11.03	0.00	46.51	--	--	--	--	--	--	--	--	--	--	--	--
	8/22/05	57.54	13.04	0.00	44.50	<50	<0.5	<0.5	<0.5	<0.5	**57**	--	--	--	--	--	--
	12/16/05	57.54	12.07	0.00	45.47	<50	<0.5	<0.5	<0.5	<0.5	**8.2**	--	--	--	--	--	--
	3/21/06	57.54	8.81	0.00	48.73	<50	<0.5	<0.5	<0.5	<0.5	**4.2**	--	--	--	--	--	--
	6/6/06	57.54	10.98	0.00	46.56	<50	<0.5	<0.5	<0.5	<0.5	**15**	--	--	--	--	--	--
C-Zone (~35-40 ft bgs) Grab Groundwater Samples																	
HP-9	8/29/05	--	~40	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
HP-10	8/29/05	--	~40	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
HP-11	8/29/05	--	~40	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--

Table 2
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
Former Cash Oil Fortuna
409 South Fortuna Blvd, Fortuna, CA
Blue Rock Project No. NC-004

Sample ID	Sample Date	TOC (feet)	DTW (feet)	SPH (feet)	GWE (feet)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)
Monitoring Well Groundwater Samples from Destroyed Wells																	
MW-1	1/19/01	99.75	11.37	0.00	88.38	**4,900**	**5**	**1.1**	**14**	**2.3**	**200**	**29**	<1	**5.4**	**6.1**	<100	<10
Screen	5/4/01	99.75	11.29	0.00	88.46	**4,500**	**12**	<2	**7.8**	<2	**620**	**31**	<2	<2	**24**	<500	<20
5' - 20'	8/16/01	99.75	15.40	0.00	84.35	**7,700**	**13**	**1.7**	**23**	**2.6**	**280**	**16**	<0.5	**2.4**	**13**	<50	<5
	11/1/01	99.75	15.74	0.00	84.01	**3,100**	**10**	**0.85**	**9.8**	**1.4**	**220**	**22**	<0.5	**2.5**	**9.4**	<1,500	<5
	3/6/02	58.74	12.32	0.00	46.42	**7,700**	**28**	<2.5	**14**	<2.5	**980**	**39**	<2.5	**3.9**	**49**	--	--
	6/20/02	58.74	13.59	0.00	45.15	**3,400**	**33**	<2.5	**13**	<2.5	**1,100**	**40**	<2.5	**3**	**48**	--	--
	9/3/02	58.74	15.61	0.00	43.13	**1,500**	**6.2**	<2.5	<2.5	<2.5	**1,200**	**38**	<2.5	**2.9**	**40**	--	--
	12/11/02	58.74	16.31	0.00	42.43	**4,200**	**14**	<2	**9.8**	<2	**870**	**25**	<2	**2.4**	**27**	--	--
	3/7/03	58.74	12.37	0.00	46.37	**8,100**	**19**	<2.5	**15**	**3.9**	**1,300**	**39**	<2.5	<2.5	**52**	--	--
	6/3/03	58.74	11.96	0.00	46.78	**6,800**	**19**	<2.5	**12**	<2.5	**1,200**	**37**	<2.5	**3**	**54**	--	--
	9/2/03	58.74	15.21	0.00	43.53	**5,900**	**12**	<1.5	**13**	**1.7**	**800**	**27**	<1.5	**2.2**	**31**	--	--
	12/3/03	58.74	15.07	0.00	43.67	**6,100**	**6.8**	**1.5**	**15**	**2.5**	**730**	**29**	<1	**2.9**	**37**	--	--
	3/9/04	58.74	11.42	0.00	47.32	**5,500**	**11**	<2	**12**	<2	**940**	**37**	<2	**2.1**	**45**	--	--
	6/8/04	58.74	13.38	0.00	45.36	**7,000**	**11**	<5	**14**	<10	**780**	<50	<5	<5	**43**	--	--
	9/3/04	58.74	15.79	0.00	42.95	**810**	**6.8**	<1	**3.7**	<1	**400**	--	--	--	--	--	--
	12/8/04	58.74	12.79	0.00	45.95	**3,700**	**4.7**	**1.5**	**20**	**1.9**	**270**	--	--	--	--	--	--
	3/25/05	58.74	10.79	0.00	47.95	**7,400**	**4.8**	**1.4**	**21**	**1.4**	**240**	--	--	--	--	--	--
	6/13/05	58.74	12.14	0.00	46.60	**3,700**	**7.8**	**1.9**	**15**	**1.7**	**190**	--	--	--	--	--	--
	8/22/05	58.74	14.05	0.00	44.69	**2,600**	**6.3**	**0.87**	**6.8**	**1.0**	**130**	--	--	--	--	--	--
	12/16/05	58.74	13.26	0.00	45.48	**5,500**	**4.7**	**1.3**	**18**	**2.0**	**110**	--	--	--	--	--	--
	3/15/06	Monitoring well destroyed under permit															
MW-2	1/19/01	99.24	12.41	0.00	86.83	<50	<0.5	<0.5	<0.5	<0.5	**2.4**	<5	<0.5	<0.5	<0.5	<50	<5
Screen	5/4/01	99.24	11.07	0.00	88.17	<50	<0.5	<0.5	<0.5	<0.5	**11**	<5	<0.5	<0.5	<0.5	<50	<5
5' - 15'	8/16/01	99.24	14.24	0.00	85.00	<50	<0.5	<0.5	<0.5	<0.5	**14**	<5	<0.5	<0.5	<0.5	<50	<5
	11/1/01	99.24	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/6/02	58.18	10.74	0.00	47.44	<50	<0.5	<0.5	<0.5	<0.5	**1.2**	<5	<0.5	<0.5	<0.5	--	--
	6/20/02	58.18	12.70	0.00	45.48	<50	<0.5	<0.5	<0.5	<0.5	**2.3**	<5	<0.5	<0.5	<0.5	--	--
	9/3/02	58.18	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/11/02	58.18	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/7/03	58.18	10.04	0.00	48.14	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
	6/3/03	58.18	10.06	0.00	48.12	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
	9/2/03	58.18	14.01	0.00	44.17	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
	12/3/03	58.18	13.13	0.00	45.05	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
	3/9/04	58.18	9.07	0.00	49.11	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
	6/8/04	58.18	12.14	0.00	46.04	<50	<0.5	<0.5	<0.5	<1	<0.5	<5	<0.5	<0.5	<0.5	--	--
	9/3/04	58.18	14.55	0.00	43.63	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/8/04	58.18	8.51	0.00	49.67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/25/05	58.18	8.63	0.00	49.55	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/13/05	58.18	10.26	0.00	47.92	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	8/22/05	58.18	13.00	0.00	45.18	--	--	--	--	--	--	--	--	--	--	--	--
	12/16/05	58.18	11.06	0.00	47.12	--	--	--	--	--	--	--	--	--	--	--	--
	3/15/06	Monitoring well destroyed under permit															
MW-3	1/19/01	99.77	9.88	0.00	89.89	<2,000	<20	<20	<20	<20	**15,000**	**560**	<20	<20	**490**	<2,000	<200
Screen	5/4/01	99.77	4.96	0.00	94.81	**4,800**	**630**	<20	**72**	**130**	**7,700**	**570**	<20	<20	**200**	<2,000	<200
5' - 20'	8/16/01	99.77	15.64	0.00	84.13	**1,300**	**14**	**0.98**	**1.6**	**1.1**	**6,800**	**320**	<0.5	**6**	**240**	<150	<5
	11/1/01	99.77	15.98	0.00	83.79	<2,000	<20	<20	<20	<20	**6,600**	**460**	<20	<20	**270**	<35,000	<200
	3/6/02	58.72	13.06	0.00	45.66	<2,000	<20	**21**	<20	<20	**6,600**	**240**	<20	<20	**160**	--	--
	6/20/02	58.72	11.70	0.00	47.02	**1,900**	**57**	<5	<5	<5	**2,900**	**90**	<5	<5	**140**	--	--
	9/3/02	58.72	15.53	0.00	43.19	<1,000	<10	<10	<10	<10	**3,300**	**130**	<10	<10	**110**	--	--
	12/11/02	58.72	16.48	0.00	42.24	<1,000	<10	<10	<10	<10	**3,600**	**110**	<10	<10	**110**	--	--
	3/7/03	58.72	4.18	0.00	54.54	**3,300**	**150**	**5.4**	**7.1**	**18**	**2,300**	**77**	<5	<5	**110**	--	--
	6/3/03	58.72	4.40	0.00	54.32	**3,000**	**100**	**4.4**	**4.2**	**12**	**1,900**	**56**	<2.5	<2.5	**96**	--	--
	9/2/03	58.72	14.69	0.00	44.03	<500	<5	<5	<5	<5	**2,300**	**68**	<5	<5	**80**	--	--
	12/3/03	58.72	14.79	0.00	43.93	**1,600**	**89**	<5	<5	**8.1**	**2,300**	**78**	<5	<5	**120**	--	--
	3/9/04	58.72	7.90	0.00	50.82	**1,500**	**23**	<3	<3	**4.9**	**1,400**	**62**	<3	<3	**68**	--	--
	6/8/04	58.72	11.28	0.00	47.44	<5,000	<50	<50	<50	<100	**1,800**	<500	<50	<50	**89**	--	--
	8/13/04	Removed during remedial soil excavation activities															
	3/15/06	Monitoring well destroyed under permit															

Table 2
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
Former Cash Oil Fortuna
409 South Fortuna Blvd, Fortuna, CA
Blue Rock Project No. NC-004

Sample ID	Sample Date	TOC (feet)	DTW (feet)	SPH (feet)	GWE (feet)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)
Monitoring Well Groundwater Samples from Destroyed Wells																	
MW-4	1/19/01	99.12	12.17	0.00	86.95	**150**	<1	<1	<1	<1	**680**	**210**	<1	<1	**11**	<100	<10
Screen	5/4/01	99.12	10.71	0.00	88.41	<200	<2	<2	<2	<2	**440**	**120**	<2	<2	**16**	<200	<20
5' - 20'	8/16/01	99.12	14.83	0.00	84.29	<50	<0.5	<0.5	<0.5	<0.5	**250**	<5	<0.5	<0.5	**10**	<50	<5
	11/1/01	99.12	14.76	0.00	84.36	**61**	<0.5	<0.5	<0.5	<0.5	**210**	**18**	<0.5	<0.5	**8.5**	<50	<5
	3/6/02	58.07	10.28	0.00	47.79	**220**	<0.5	<0.5	<0.5	<0.5	**130**	**40**	<0.5	<0.5	**5.4**	--	--
	6/20/02	58.07	12.41	0.00	45.66	<50	<0.5	<0.5	<0.5	<0.5	**440**	**32**	<0.5	<0.5	**20**	--	--
	9/3/02	58.07	14.34	0.00	43.73	<250	<2.5	<2.5	<2.5	<2.5	**1,300**	**35**	<2.5	<2.5	**34**	--	--
	12/11/02	58.07	15.23	0.00	42.84	<500	<5	<5	<5	<5	**2,300**	<50	<5	<5	**54**	--	--
	3/7/03	58.07	10.48	0.00	47.59	**330**	<1	<1	<1	<1	**570**	**33**	<1	<1	**28**	--	--
	6/3/03	58.07	10.12	0.00	47.95	**130**	<0.5	<0.5	<0.5	<0.5	**380**	**19**	<0.5	<0.5	**23**	--	--
	9/2/03	58.07	13.82	0.00	44.25	**85**	<0.5	<0.5	<0.5	<0.5	**390**	**12**	<0.5	<0.5	**17**	--	--
	12/3/03	58.07	13.91	0.00	44.16	**220**	<0.5	<0.5	<0.5	<0.5	**510**	**31**	<0.5	<0.5	**22**	--	--
	3/9/04	58.07	9.51	0.00	48.56	<500	<5	<5	<5	<5	**2,000**	**220**	<5	<5	**5.6**	--	--
	6/8/04	58.07	12.03	0.00	46.04	**210**	<0.5	<0.5	<0.5	<1	**420**	**25**	<0.5	<0.5	**1.5**	--	--
	9/3/04	58.07	14.41	0.00	43.66	<100	<1	<1	<1	<1	**430**	--	--	--	--	--	--
	12/8/04	58.07	10.72	0.00	47.35	<50	<0.5	<0.5	<0.5	<0.5	**140**	--	--	--	--	--	--
	3/25/05	58.07	8.97	0.00	49.10	<50	<0.5	<0.5	<0.5	<0.5	**40**	--	--	--	--	--	--
	6/13/05	58.07	10.27	0.00	47.80	<50	<0.5	<0.5	<0.5	<0.5	**22**	--	--	--	--	--	--
	8/22/05	58.07	12.72	0.00	45.35	<50	<0.5	<0.5	<0.5	<0.5	**29**	--	--	--	--	--	--
	12/16/05	58.07	11.13	0.00	46.94	<50	<0.5	<0.5	<0.5	<0.5	**13**	--	--	--	--	--	--
	3/15/06	Monitoring well destroyed under permit															
MW-5	3/6/02	58.37	4.39	0.00	53.98	<50	<0.5	<0.5	<0.5	<0.5	**0.53**	<5	<0.5	<0.5	<0.5	--	--
Screen	6/20/02	58.49	12.50	0.00	45.99	<50	<0.5	<0.5	<0.5	**0.56**	<0.5	<5	<0.5	<0.5	<0.5	--	--
5' - 20'	9/3/02	58.49	14.49	0.00	44.00	<50	<0.5	<0.5	<0.5	<0.5	**1.3**	<5	<0.5	<0.5	<0.5	--	--
	12/11/02	58.49	15.39	0.00	43.10	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
	3/7/03	58.49	8.76	0.00	49.73	<50	<0.5	<0.5	<0.5	<0.5	**0.95**	<5	<0.5	<0.5	<0.5	--	--
	6/3/03	58.49	8.12	0.00	50.37	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
	9/2/03	58.49	14.02	0.00	44.47	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
	12/3/03	58.49	14.04	0.00	44.45	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
	3/9/04	58.49	6.35	0.00	52.14	<50	<0.5	<0.5	<0.5	<0.5	**1.1**	<5	<0.5	<0.5	<0.5	--	--
	6/8/04	58.49	11.95	0.00	46.54	<50	<0.5	<0.5	<0.5	<1	<0.5	<5	<0.5	<0.5	<0.5	--	--
	9/3/04	58.49	14.50	0.00	43.99	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/8/04	58.49	5.71	0.00	52.78	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/25/05	58.49	3.71	0.00	54.78	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/13/05	58.49	10.38	0.00	48.11	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	8/22/05	58.49	13.11	0.00	45.38	--	--	--	--	--	--	--	--	--	--	--	--
	12/16/05	58.49	10.38	0.00	48.11	--	--	--	--	--	--	--	--	--	--	--	--
	3/15/06	Monitoring well destroyed under permit															
MW-6	3/6/02	58.02	10.28	0.00	47.74	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
Screen	6/20/02	58.02	12.62	0.00	45.40	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
5' - 20'	9/3/03	58.02	14.33	0.00	43.69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
	12/11/02	58.02	15.28	0.00	42.74	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
	3/7/03	58.02	10.67	0.00	47.35	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
	6/3/03	58.02	10.37	0.00	47.65	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
	9/2/03	58.02	13.87	0.00	44.15	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
	12/3/03	58.02	14.38	0.00	43.64	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
	3/9/04	58.02	9.62	0.00	48.40	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	--	--
	6/8/04	58.02	12.20	0.00	45.82	<50	<0.5	<0.5	<0.5	<1	<0.5	<5	<0.5	<0.5	<0.5	--	--
	9/3/04	58.02	14.48	0.00	43.54	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/8/04	58.02	12.95	0.00	45.07	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/25/05	58.02	10.45	0.00	47.57	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/13/05	58.02	10.70	0.00	47.32	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	8/22/05	58.02	12.84	0.00	45.18	--	--	--	--	--	--	--	--	--	--	--	--
	12/16/05	58.02	11.64	0.00	46.38	--	--	--	--	--	--	--	--	--	--	--	--
	3/15/06	Monitoring well destroyed under permit															

Table 2
GROUNDWATER ELEVATIONS AND ANALYTICAL DATA
Former Cash Oil Fortuna
409 South Fortuna Blvd, Fortuna, CA
Blue Rock Project No. NC-004

Sample ID	Sample Date	TOC (feet)	DTW (feet)	SPH (feet)	GWE (feet)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)
Monitoring Well Groundwater Samples from Destroyed Wells																	
MW-7	3/6/02	58.42	3.68	0.00	54.74	**110**	<0.5	<0.5	<0.5	<0.5	**78**	<5	<0.5	<0.5	**1.4**	--	--
Screen	6/20/02	58.42	4.27	0.00	54.15	**200**	<0.5	<0.5	<0.5	<0.5	**26**	<5	<0.5	<0.5	**0.7**	--	--
5' - 20'	9/3/02	58.42	5.77	0.00	52.65	**250**	<0.5	<0.5	<0.5	**2.5**	**30**	**15**	<0.5	<0.5	**0.51**	--	--
	12/11/02	58.42	6.21	0.00	52.21	**360**	<0.5	<0.5	<0.5	**4.5**	**37**	**9.2**	<0.5	<0.5	**0.74**	--	--
	3/7/03	58.42	3.80	0.00	54.62	**780**	<0.5	<0.5	**1.1**	**3.8**	**21**	<5	<0.5	<0.5	<0.5	--	--
	6/3/03	58.42	3.47	0.00	54.95	**650**	<0.5	<0.5	**0.85**	**2.6**	**17**	**5.3**	<0.5	<0.5	<0.5	--	--
	9/2/03	58.42	4.70	0.00	53.72	**470**	<0.5	<0.5	**0.59**	**1.6**	**13**	**7.5**	<0.5	<0.5	<0.5	--	--
	12/3/03	58.42	4.78	0.00	53.64	**490**	<0.5	<0.5	**0.64**	**1.5**	**17**	<5	<0.5	<0.5	<0.5	--	--
	3/9/04	58.42	3.45	0.00	54.97	**530**	<0.5	<0.5	**0.9**	**1.7**	**16**	**8.9**	<0.5	<0.5	<0.5	--	--
	6/8/04	58.42	3.75	0.00	54.67	**540**	<0.5	<0.5	**0.7**	**0.8**	**11**	<5	<0.5	<0.5	<0.5	--	--
	9/3/04	58.42	5.33	0.00	53.09	**290**	<0.5	<0.5	<0.5	**0.9**	**8.1**	--	--	--	--	--	--
	12/8/04	58.42	2.75	0.00	55.67	**670**	**0.57**	<0.5	**1.2**	**0.85**	**13**	--	--	--	--	--	--
	3/25/05	58.42	3.24	0.00	55.18	**1,100**	**0.56**	**0.58**	**2.8**	**0.92**	**8.4**	--	--	--	--	--	--
	6/13/05	58.42	3.87	0.00	54.55	**770**	<0.5	<0.5	**1.1**	**0.80**	**6.0**	--	--	--	--	--	--
	8/22/05	58.42	4.38	0.00	54.04	**530**	<0.5	<0.5	<0.5	<0.5	**2.7**	--	--	--	--	--	--
	12/16/05	58.42	3.72	0.00	54.70	**540**	<0.5	<0.5	<0.5	<0.5	**4.4**	--	--	--	--	--	--
	3/15/06	Monitoring well destroyed under permit															
MW-8	6/20/02	58.81	4.75	0.00	54.06	<50	<0.5	<0.5	<0.5	<0.5	**14**	<5	<0.5	<0.5	**0.52**	--	--
Screen	9/3/02	58.81	14.76	0.00	44.05	<50	<0.5	<0.5	<0.5	**0.63**	**11**	<5	<0.5	<0.5	<0.5	--	--
5' - 20'	12/11/02	58.81	16.55	0.00	42.26	**92**	<0.5	<0.5	<0.5	**2.1**	**21**	<5	<0.5	<0.5	**1.1**	--	--
	3/7/03	58.81	11.89	0.00	46.92	**67**	<0.5	<0.5	<0.5	<0.5	**17**	<5	<0.5	<0.5	**0.99**	--	--
	6/3/03	58.81	11.67	0.00	47.14	<50	<0.5	<0.5	<0.5	<0.5	**25**	<5	<0.5	<0.5	**1.5**	--	--
	9/2/03	58.81	15.53	0.00	43.28	**51**	<0.5	<0.5	<0.5	<0.5	**56**	<5	<0.5	<0.5	**3.6**	--	--
	12/3/03	58.81	15.31	0.00	43.50	**57**	<0.5	<0.5	<0.5	<0.5	**10**	<5	<0.5	<0.5	<0.5	--	--
	3/9/04	58.81	9.82	0.00	48.99	<50	<0.5	<0.5	<0.5	<0.5	**4.3**	<5	<0.5	<0.5	<0.5	--	--
	6/8/04	58.81	13.28	0.00	45.53	<50	<0.5	<0.5	<0.5	<0.5	**37**	<5	<0.5	<0.5	**0.9**	--	--
	9/3/04	58.81	15.68	0.00	43.13	<50	<0.5	<0.5	<0.5	<0.5	**21**	--	--	--	--	--	--
	12/8/04	58.81	13.47	0.00	45.34	<50	<0.5	<0.5	<0.5	<0.5	**41**	--	--	--	--	--	--
	3/25/05	58.81	11.26	0.00	47.55	<50	<0.5	<0.5	<0.5	<0.5	**16**	--	--	--	--	--	--
	6/13/05	58.81	11.85	0.00	46.96	<50	<0.5	<0.5	<0.5	<0.5	**5.6**	--	--	--	--	--	--
	8/22/05	58.81	14.11	0.00	44.70	<50	<0.5	<0.5	<0.5	<0.5	**10**	--	--	--	--	--	--
	12/16/05	58.81	12.90	0.00	45.91	<50	<0.5	<0.5	<0.5	<0.5	**5.2**	--	--	--	--	--	--
	3/15/06	Monitoring well destroyed under permit															
Grab Groundwater Samples from Potentially Mixed Zones																	
GW-3 (B-3)	5/8/99	--	--	0.00	--	**23,000**	**63**	**110**	**600**	**1,630**	<130	--	--	--	--	--	--
					MCL	---	1.0	150	300	1,750	13						
					Taste and odor threshold	5	---	42	29	17	5						
					NCRWQCB Cleanup Goals	50	0.5	42	29	17	5						

Notes :

TOC: Top of well casing referenced to arbitrary site benchmark until 3/02, MSL thereafter
DTW: Depth to water as referenced to top of casing
SPH: Separate phase hydrocarbon on top of groundwater
GWE: Groundwater elevation as referenced to benchmark
µg/L = micrograms per liter
TPHg: Total petroleum hydrocarbons as gasoline by Method 5030/8015M or 5030/8260B
BTEX: Benzene, toluene, ethylbenzene, xylenes by EPA Method 8020 or 8260B
MTBE: Methyl tertiary butyl ether by Method 8020 or 8260B
TBA: Tertiary butyl alcohol by Method 8260B
DIPE: Di isopropyl ether by Method 8260B
ETBE: Ethyl tertiary butyl ether by Method 8260B
TAME: Tertiary amyl methyl ether by method 8260B
Methanol: by EPA Method 8260B
Ethanol: by EPA Method 8260B
MCL : Maximum contaminant level
NCRWQCB : North Coast Region Water Quality Control Board
MW-16 (LOP #12093) was used for the purpose of obtaining additional groundwater gradient and direction data.

Table 3
INTRINSIC BIOREMEDIATION DATA
Former Cash Oil Fortuna
409 South Fortuna Blvd, Fortuna, CA
Blue Rock Project # NC-004

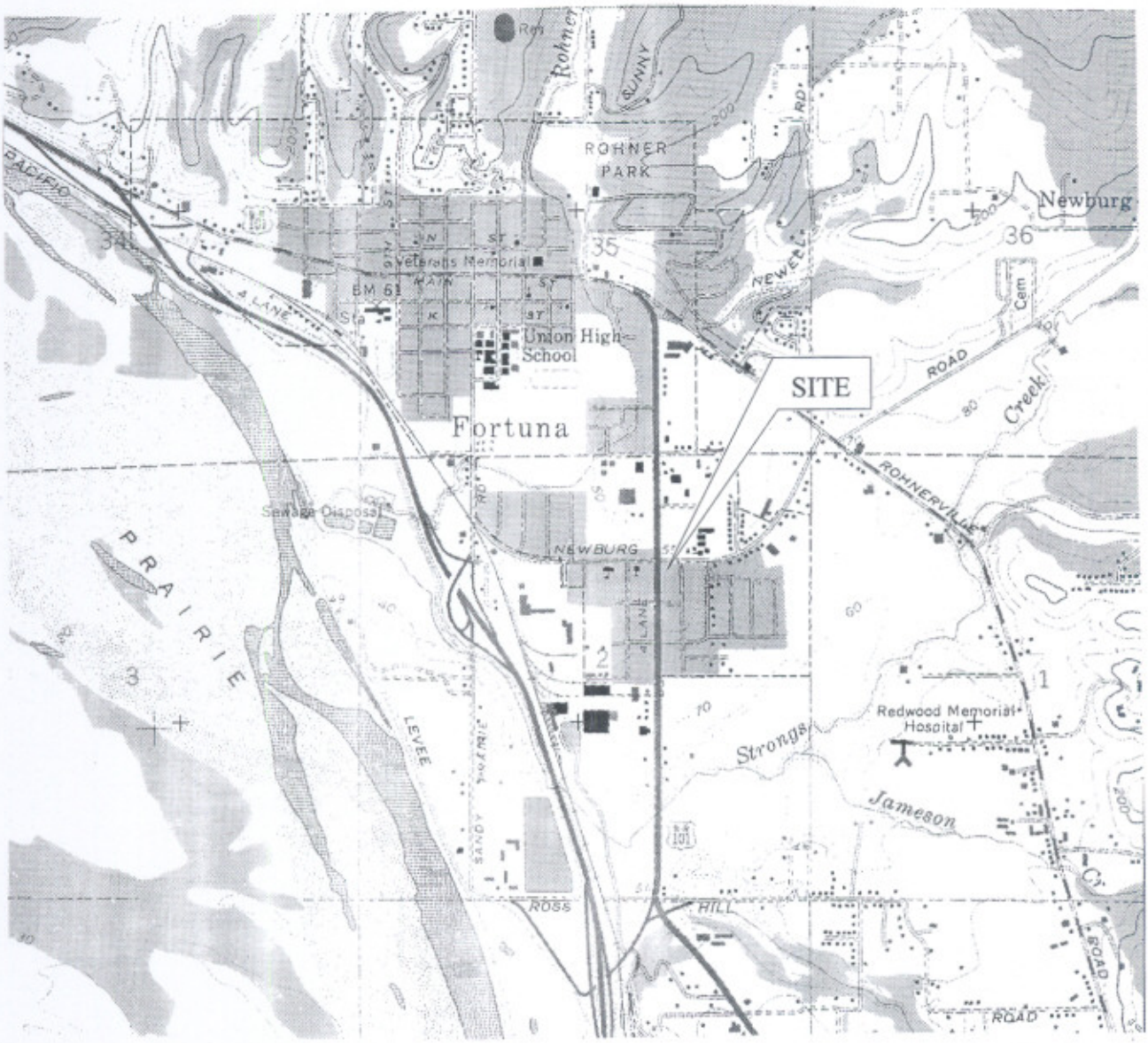
Well ID	Date	TPHg (µg/L)	MTBE (µg/L)	DO* (mg/L)	Eh* (mV)	pH*	Total Alkalinity (mg/L)	Nitrate (mg/L)	Ammonia (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)	Ortho Phosphate (mg/L)	Ferrous Iron (mg/L)	Dissolved Manganese (mg/L)	TOC (mg/L)	BOD (mg/L)	COD (mg/L)	Hetero-trophic Plate Count (CFU/mL)	Aerobic Hydrocarbon Degraders (CFU/mL)
A-Zone (~4-10 ft bgs) Monitoring Wells																			
MW-9A	8/21/01	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	<50	2.0	4.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/20/02	<50	1.3	1.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/5/02	<50	34	2.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10A	8/21/01	<50	<0.5	6.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	<50	<0.5	2.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/20/02	<50	<0.5	1.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/5/02	<50	<0.5	3.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11A	8/21/01	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/20/02	<50	1.7	1.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/5/02	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12A	3/20/02	<50	<0.5	1.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/5/02	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13A	3/20/02	<50	3.8	0.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/5/02	<50	3.1	0.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-Zone (~15-20 ft bgs) Monitoring Wells																			
MW-9B	8/21/01	220	860	3.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	120	1,000	1.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/20/02	<200	920	3.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/5/02	<200	840	3.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10B	8/21/01	<50	5.3	7.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	<50	1.8	5.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/20/02	<50	0.99	1.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/5/02	<50	2.4	2.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11B	8/21/01	<50	160	2.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	<50	180	0.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/20/02	<50	120	0.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/5/02	<50	110	0.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12B	3/20/02	94	4.6	2.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/5/02	<50	4.4	0.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13B	3/20/02	<50	11	1.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/5/02	<50	17	0.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16 (HPI)	8/21/01	<50	57	1.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	<50	8.2	0.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/20/02	<50	4.2	0.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/5/02	<50	15	1.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Destroyed Monitoring Wells																			
MW-1	6/19/98	3,400	1,100	0.41	--	6.4	310	0.56	7.6	1.6	--	<0.5	7.4	--	52	5.4	97	7,000	1,000
	12/10/98	4,200	870	2.91	80	5.8	370	0.87	7.9	0.87	<1	<0.5	8.1	6,800	39	12	120	20,000	50
	9/2/00	810	400	1.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/7/00	3,700	270	1.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/24/01	7,400	240	0.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/12/01	3,700	190	3.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/21/01	2,600	130	2.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	5,500	110	2.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/19/98	<50	2.3	0.47	0.47	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/00	<50	<0.5	2.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/7/00	<50	<0.5	2.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/24/01	<50	<0.5	5.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/12/01	<50	<0.5	4.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/21/01	--	--	3.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	--	--	4.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
INTRINSIC BIOREMEDIATION DATA
Former Cash Oil Fortuna
409 South Fortuna Blvd, Fortuna, CA
Blue Rock Project # NC-004

Well ID	Date	TPHg (µg/L)	MTBE (µg/L)	DO* (mg/L)	Eh* (mV)	pH*	Total Alkalinity (mg/L)	Nitrate (mg/L)	Ammonia (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)	Ortho Phosphate (mg/L)	Ferrous Iron (mg/L)	Dissolved Manganese (mg/L)	TOC (mg/L)	BOD (mg/L)	COD (mg/L)	Hetero-trophic Plate Count (CFU/mL)	Aerobic Hydrocarbon Degraders (CFU/mL)
Destroyed Monitoring Wells																			
MW-3	6/19/98	1,900	2,900	0.42	--	6.5	340	0.54	10	1.2	--	<0.5	8.2	--	44	4.2	110	20,000	3,000
	12/10/98	<1,000	3,600	3.12	50	4.4	350	0.94	10	1.4	<1	<0.5	6.9	17,000	32	12	110	20,000	300
MW-4	6/19/98	<50	440	0.62	--	6.4	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/98	<500	2,300	2.87	165	6.0	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/00	<100	430	1.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/7/00	<50	140	1.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/24/01	<50	40	0.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/12/01	<50	22	0.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/21/01	<50	29	0.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	<50	13	0.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	6/19/98	<50	<0.5	0.57	--	6.4	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/98	<50	<0.5	2.71	197	6.1	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/00	<50	<0.5	2.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/7/00	<50	<0.5	2.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/24/01	<50	<0.5	4.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/12/01	<50	<0.5	4.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/21/01	--	--	1.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	--	--	2.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	6/19/98	<50	<0.5	0.56	--	6.4	87	13	<0.1	6.9	--	<0.5	<0.1	--	4.2	<3	13	200,000	40,000
	12/10/98	<50	<0.5	3.25	146	5.9	85	12	0.16	4.4	<1	<0.5	<0.1	18	3.2	<3	<10	80,000	200
	9/2/00	<50	<0.5	2.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/7/00	<50	<0.5	2.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/24/01	<50	<0.5	4.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/12/01	<50	<0.5	4.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/21/01	--	--	5.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	--	--	6.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/19/98	200	26	0.61	--	6.6	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/98	360	37	2.78	21	5.9	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/00	290	8.1	2.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/7/00	670	13	1.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/24/01	1,100	8.4	0.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/12/01	770	6.0	0.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/21/01	530	2.7	0.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	540	4.4	0.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	6/19/98	<50	14	0.58	--	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/98	92	21	2.37	79	5.9	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/2/00	<50	21	1.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/7/00	<50	41	2.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/24/01	<50	16	2.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/12/01	<50	5.6	0.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/21/01	<50	10	0.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	<50	5.2	0.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

TPHg	Total petroleum hydrocarbons as gasoline by EPA Method 5030/8260B
MTBE	Methyl tertiary butyl ether by EPA Method 8260B
µg/L	micrograms per liter
mg/L	milligrams per liter
*	Parameters measured in field and recorded on field sheets
mV	Millivolts
CFU/mL	Colony forming units per milliliter
DO	Dissolved oxygen measured with downhole meter
Eh	Reduction-oxidation potential measured with downhole meter
pH	pH measured with field meter
Alkalinity	by EPA Method 310.1
Nitrate	by EPA Method 300.0
Ammonia	by EPA Method 350.2
Manganese	by EPA Method 200.7
Sulfate	by EPA Method 375.4
Sulfide	by EPA Method 376.2
Phosphate	by EPA Method 365.2
TOC	Total organic carbon by EPA Method 9060
Ferrous Iron	by Standard Method 3500
BOD	Biological oxygen demand by Standard Method 5210B
COD	Chemical oxygen demand by EPA Method 410.4
Heterotrophic Plate Count	Bacteria enumeration assay by Standard Method 9215B modified
Hydrocarbon Degraders	Bacteria enumeration assay for diesel and gasoline degraders
"--":	Not analyzed, available, or applicable
<###	Not detected above the number indicated



SCALE 1:24 000

1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 KILOMETER

CONTOUR INTERVAL 40 FEET

N

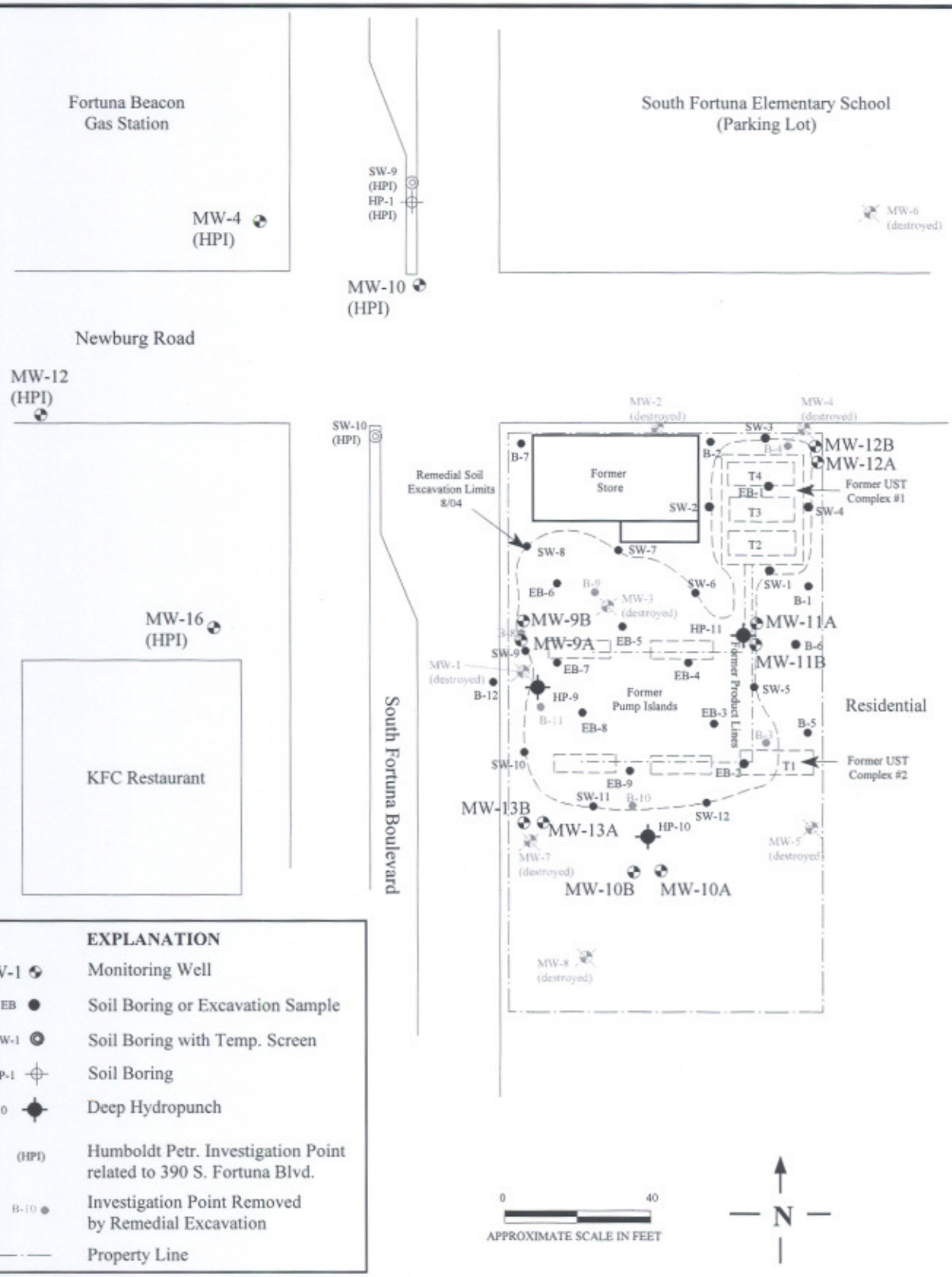
MAP SOURCE: USGS Fortuna Quadrangle

Site Location Map

Former Cash Oil Fortuna
409 South Fortuna Boulevard
Fortuna, California

BLUE ROCK ENVIRONMENTAL, INC.

Project No.	Date	Figure
NC-004	4/04	1

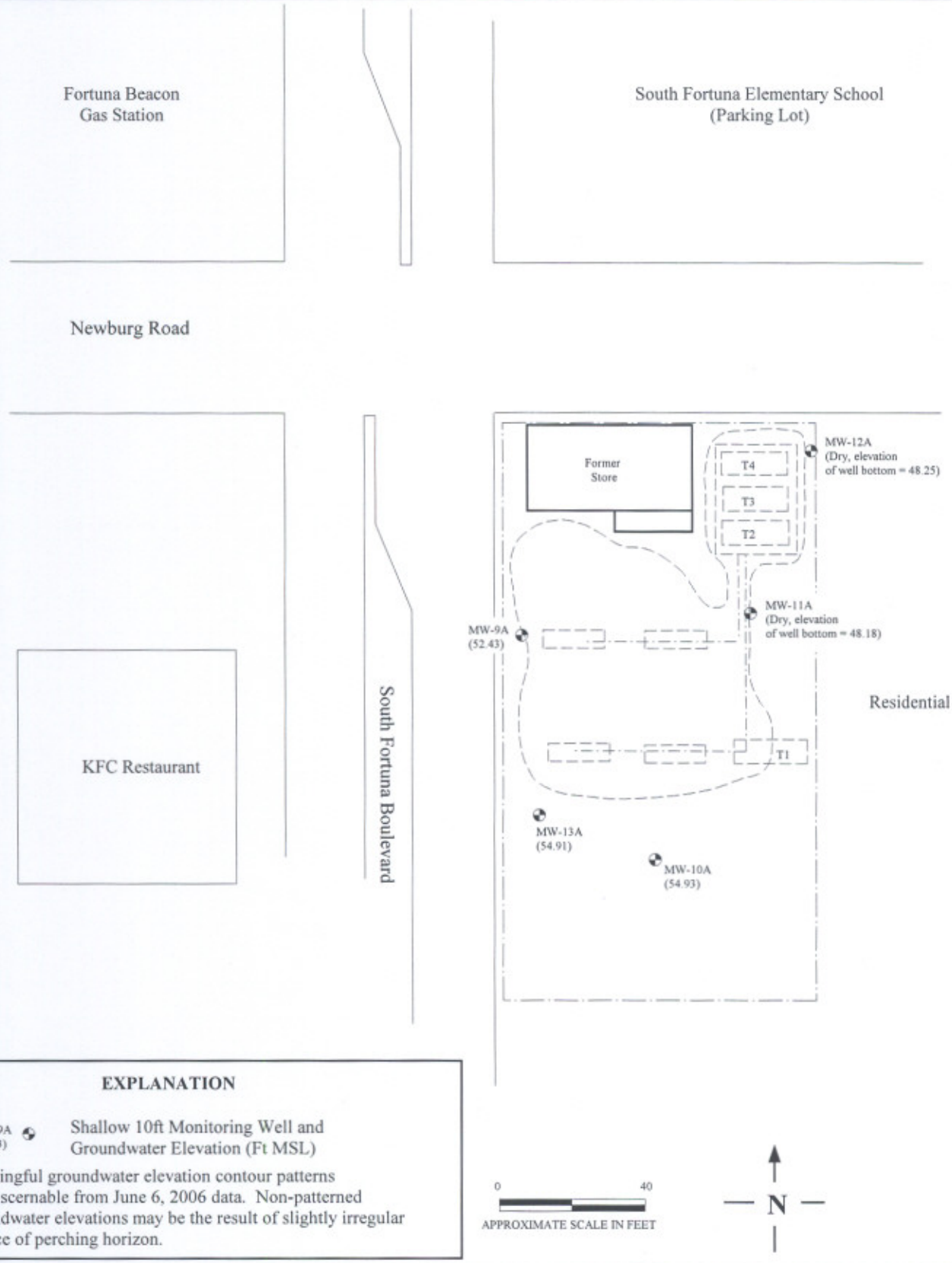


Site Plan

Former Cash Oil Fortuna
409 South Fortuna Boulevard
Fortuna, California

BLUE ROCK ENVIRONMENTAL, INC.

Project No.	Report Date	Figure
NC-004	6/06	2



EXPLANATION

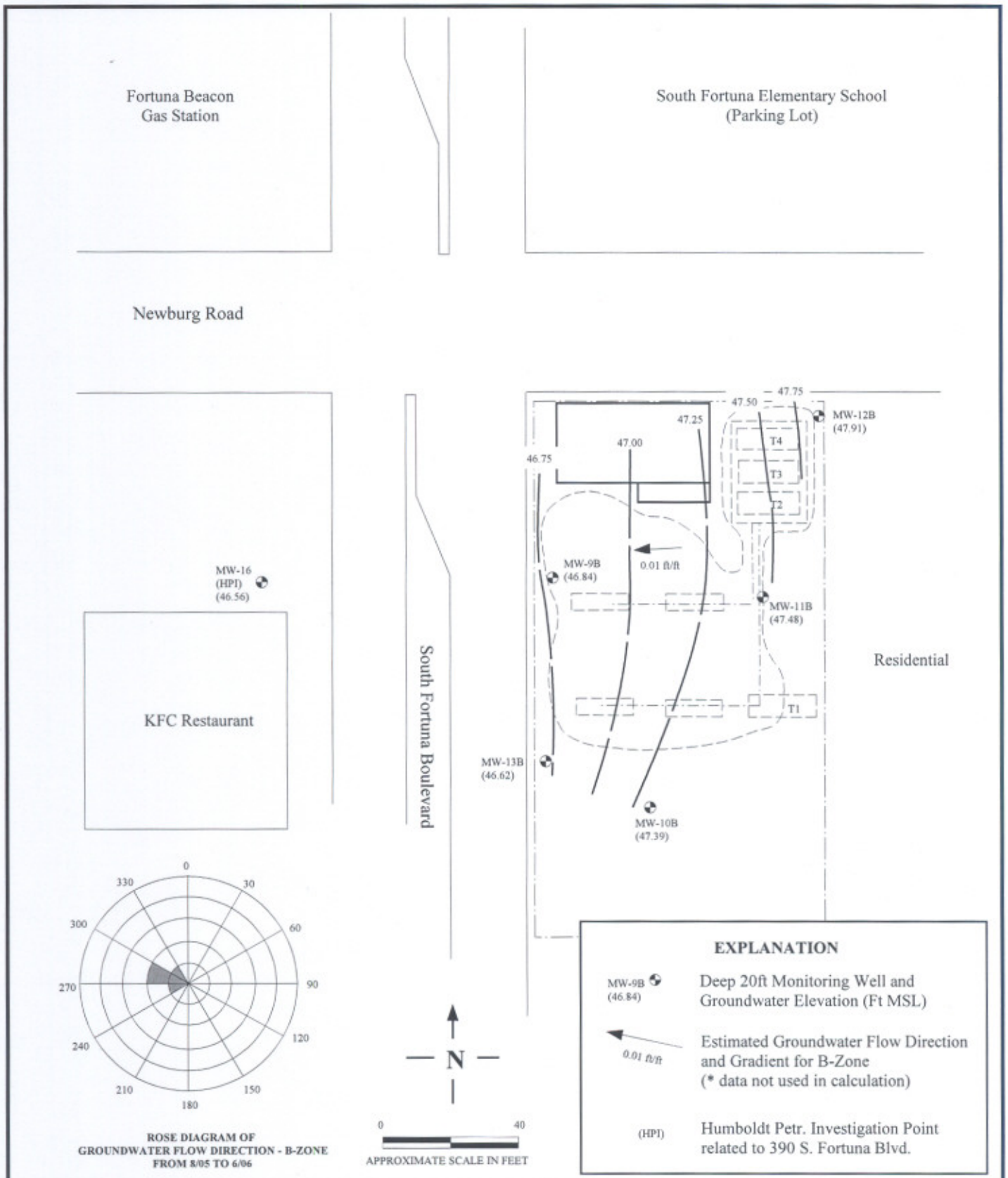
MW-9A (52.43) — Shallow 10ft Monitoring Well and Groundwater Elevation (Ft MSL)

Meaningful groundwater elevation contour patterns not discernable from June 6, 2006 data. Non-patterned groundwater elevations may be the result of slightly irregular surface of perching horizon.

Groundwater Elevation Map - A-Zone
June 6, 2006
Former Cash Oil Fortuna
409 South Fortuna Boulevard
Fortuna, California

BLUE ROCK ENVIRONMENTAL, INC.

Project No.	Report Date	Figure
NC-004	6/06	3a

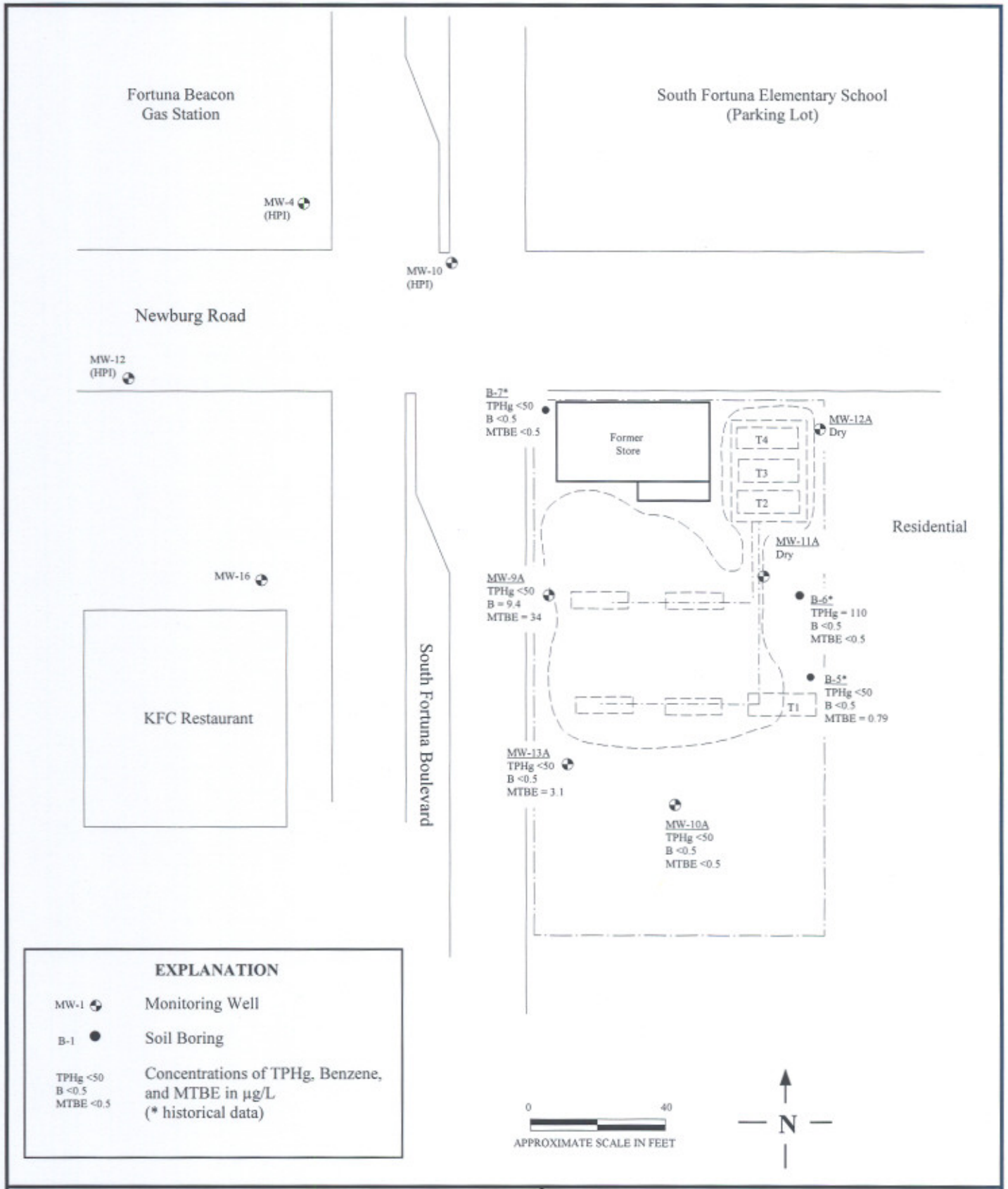


ROSE DIAGRAM OF
GROUNDWATER FLOW DIRECTION - B-ZONE
FROM 8/05 TO 6/06

Groundwater Elevation Map - B-Zone
June 6, 2006
Former Cash Oil Fortuna
409 South Fortuna Boulevard
Fortuna, California

BLUE ROCK ENVIRONMENTAL, INC.

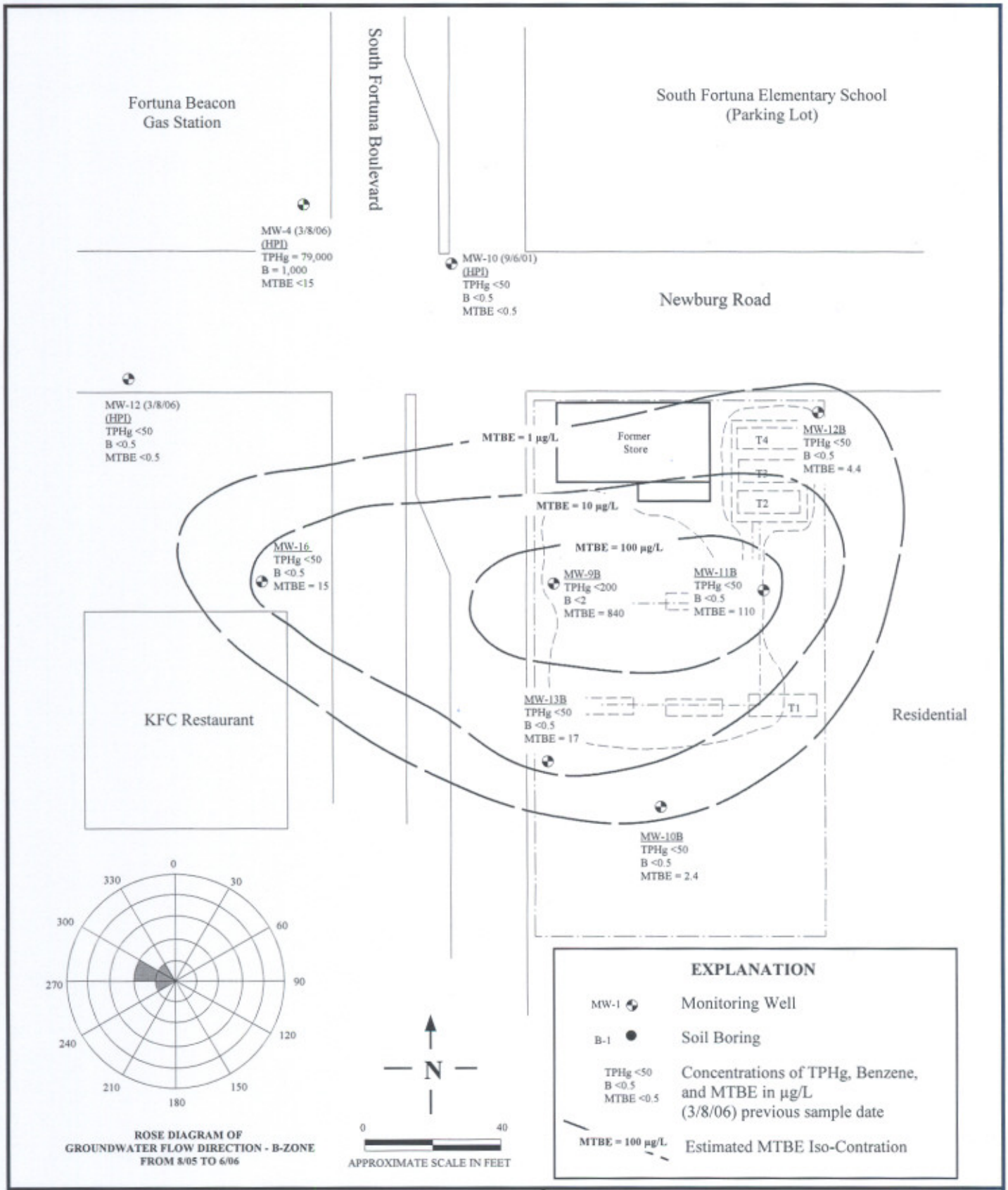
Project No.	Report Date	Figure
NC-004	6/06	3b



Groundwater Analytical Map - A-Zone
June 6, 2006
Former Cash Oil Fortuna
409 South Fortuna Boulevard
Fortuna, California

BLUE ROCK ENVIRONMENTAL, INC.

Project No.	Report Date	Figure
NC-004	6/06	4a



Groundwater Analytical Map - B-Zone
June 6, 2006
Former Cash Oil Fortuna
409 South Fortuna Boulevard
Fortuna, California

BLUE ROCK ENVIRONMENTAL, INC.

Project No.	Report Date	Figure
NC-004	6/06	4b

DAILY FIELD REPORT

PAGE _____ OF _____

Project Number: NC-4 **Date:** 6/6/06

Site Name: Former Cash Oil Fortuna **Field Personnel:** James Linderman

Site Address: 409 S. Fortuna Blvd. Fortuna, CA **Proj. Manager** Scott Ferriman

Scope of work 2QT06 GWS

Drum Inventory Soil: Water: 4 full Free product:

Time	Description of Activities
	Leave office
	Arrive onsite

Additional Comments:

GAGING DATA/PURGE CALCULATIONS

Job No.: NC-4 **Location:** 409 S. Fortuna Blvd. **Date:** 6/6/06 **Tech(s):** JL

WELL NO.	DIA. (in.)	DTB (ft.)	DTW (ft.)	ST (ft.)	CV (gal.)	PV (gal.)	SPH (ft.)	NOTES
MW-16	2	19.52	10.98	8.54	1.36	4.08	0	D.O.= 1.04
MW-9B		19.89	11.70	8.19	1.31	3.93		DO = 3.50
MW-9A		9.91	6.14	3.05	0.48	1.44		D.O.= 2.34
MW-10B		19.32	11.17	8.15	1.30	3.90		D.O.= 2.75
MW-10A		9.79	3.59	6.20	0.99	2.97		D.O.= 1.73
MW-11B		19.88	10.91	8.97	1.43	4.29		D.O.= 0.76
MW-11A		9.92	dry					no sample / no D.O.
MW-12A		9.91	dry					no sample / no D.O.
MW-12B		19.21	10.31	8.90	1.42	4.26	0	D.O.= 0.90
MW-13A		9.90	4.11	5.79	0.92	2.76		D.O.= 0.51
MW-13B		19.63	12.00	7.63	1.22	3.66		D.O.= 0.91

Explanation:
DIA. = Well Diameter
DTB = Depth to Bottom
DTW = Depth to Water
ST = Saturated Thickness (DTB-DTW)
CV = Casing Volume (ST x cf)
PV = Purge Volume (standard 3 x CV, well development 10 x CV)
SPH = Thickness of Separate Phase Hydrocarbons

Conversion Factors (cf):
2 in. dia. well cf = 0.16 gal./ft.
4 in. dia. well cf = 0.65 gal./ft.
6 in. dia. well cf = 1.44 gal./ft.

BLUE ROCK ENVIRONMENTAL, INC.

PURGING DATA

Job No.: NC-4 **Location:** 409 S. Fortuna Blvd. **Date:** 6/6/06 **Tech:** J.L.

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH
MW-6B			---	---	---
Calc. purge	10:35	0.25	221	61.2	6.34
volume	10:40	2.25	199	61.0	6.26
4.08	10:45	4.10	198	61.0	6.28

Sample for: ~~TPHg~~ TPHd 8260 ~~BTEX~~ ~~MTBE~~ Metals

Purging Method: PVC bailer / Pump

COMMENTS: color, turbidity, recharge, sheen

clear / mod / mod to good / no sheen / no odor

Sampling Method: Dedicated / Disposable bailer

Sample at: 10:50

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH
MW-9B			---	---	---
Calc. purge	10:55	0.25	521	60.9	6.19
volume	11:00	1.75	529	60.4	6.21
3.93	11:05	3.95	527	60.5	6.27

Sample for: ~~TPHg~~ TPHd 8260 ~~BTEX~~ ~~MTBE~~ Metals

Purging Method: PVC bailer / Pump

COMMENTS: color, turbidity, recharge, sheen

clear / mod / mod / no sheen / no odor

Sampling Method: Dedicated / Disposable bailer

Sample at: 11:10

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH
MW-9A			---	---	---
Calc. purge	11:15	0.25	610	62.9	6.81
volume	11:20	0.75	657	62.2	6.90
1.44	11:25	1.45	659	62.0	6.96

Sample for: ~~TPHg~~ TPHd 8260 ~~BTEX~~ ~~MTBE~~ Metals

Purging Method: PVC bailer / Pump

COMMENTS: color, turbidity, recharge, sheen

clear / mod / mod / no sheen / no odor

Sampling Method: Dedicated / Disposable bailer

Sample at: 11:30

PURGING DATA

Job No.: NC-4 **Location:** 409 S. Fortuna Blvd **Date:** 6/6/06 **Tech:** JL

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH
MW-10B			---	---	---
Calc. purge	11:35	0.25	251	60.1	7.21
volume	11:40	1.75	297	59.3	6.86
3.90	11:45	3.90	302	59.3	6.84

COMMENTS: color, turbidity, recharge, sheen

clear / mod / mod / no sheen / no odor

Sample for: ~~TPHg~~ TPHd 8260 ~~BTEX~~ ~~MTBE~~ Metals

Purging Method: PVC bailer / Pump

Sampling Method: Dedicated / Disposable bailer

Sample at: 11:50

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH
MW-10A			---	---	---
Calc. purge	11:55	0.25	174	64.0	6.76
volume	12:00	1.50	175	62.6	6.40
2.97	12:05	2.95	169	61.6	6.40

COMMENTS: color, turbidity, recharge, sheen

clear / mod / good / no sheen / no odor

Sample for: ~~TPHg~~ TPHd 8260 ~~BTEX~~ ~~MTBE~~ Metals

Purging Method: PVC bailer / Pump

Sampling Method: Dedicated / Disposable bailer

Sample at: 12:10

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH
MW-11B			---	---	---
Calc. purge	12:15	0.25	220	60.7	6.34
volume	12:20	2.25	235	60.0	6.21
4.29	12:25	4.30	235	59.9	6.23

COMMENTS: color, turbidity, recharge, sheen

clear / mod / mod / no sheen / no odor

Sample for: ~~TPHg~~ TPHd 8260 ~~BTEX~~ ~~MTBE~~ Metals

Purging Method: PVC bailer / Pump

Sampling Method: Dedicated / Disposable bailer

Sample at: 12:30

PURGING DATA

Job No.: NC-4 **Location:** 409 S. Fortuna Blvd. **Date:** 6/6/06 **Tech:** J.L.

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH
MW-11A			---	---	---
Calc. purge volume					
		well	dry	no	
		sample	taken		

COMMENTS: color, turbidity, recharge, sheen

Sample for: ~~TPHg~~ TPHd 8260 ~~BTEX~~ ~~MTBE~~ Metals

Purging Method: PVC bailer / Pump

Sampling Method: Dedicated / Disposable bailer

Sample at:

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH
MW-12A			---	---	---
Calc. purge volume		well	dry	no	
		sample	taken		

COMMENTS: color, turbidity, recharge, sheen

Sample for: ~~TPHg~~ TPHd 8260 ~~BTEX~~ ~~MTBE~~ Metals

Purging Method: PVC bailer / Pump

Sampling Method: Dedicated / Disposable bailer

Sample at:

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH
MW-12B			---	---	---
Calc. purge volume	12:35	0.25	298	59.8	6.73
	12:40	2.25	366	58.9	6.76
4.26	12:45	4.25	387	58.8	6.80

COMMENTS: color, turbidity, recharge, sheen

clear / mod / mod / no sheen / no odor

Sample for: ~~TPHg~~ TPHd 8260 ~~BTEX~~ ~~MTBE~~ Metals

Purging Method: PVC bailer / Pump

Sampling Method: Dedicated / Disposable bailer

Sample at: 12:50

PURGING DATA

Job No.: NC-4 **Location:** 409 S. Fortuna Blvd. **Date:** 6/6/06 **Tech:** J.L.

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH
MW-13A			---	---	---
Calc. purge	9:55	0.25	354	63.9	6.23
volume	10:00	1.25	336	62.8	6.25
2.76	10:05	2.75	327	62.6	6.27

COMMENTS: color, turbidity, recharge, sheen

clear / mod / mod / no sheen / no odor

Sample for: ~~TPHg~~ TPHd 8260 ~~BTEX~~ ~~MTBE~~ Metals

Purging Method: PVC bailer / Pump

Sampling Method: Dedicated / Disposable bailer

Sample at: 10:10

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH
MW-13B			---	---	---
Calc. purge	10:15	0.25	502	61.0	6.42
volume	10:20	1.75	497	60.4	6.55
3.66	10:25	3.65	458	60.4	6.60

COMMENTS: color, turbidity, recharge, sheen

clear / mod to heavy / mod / no sheen / no odor

Sample for: ~~TPHg~~ TPHd 8260 ~~BTEX~~ ~~MTBE~~ Metals

Purging Method: PVC bailer / Pump

Sampling Method: Dedicated / Disposable bailer

Sample at: 10:30

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH
			---	---	---
Calc. purge					
volume					

COMMENTS: color, turbidity, recharge, sheen

Sample for: TPHg TPHd 8260 BTEX MTBE Metals

Purging Method: PVC bailer / Pump

Sampling Method: Dedicated / Disposable bailer

Sample at:

KIFF Analytical LLC

Report Number : 50403
Date : 6/14/2006

Scott Ferriman
Blue Rock Environmental, Inc.
535 3rd Street, Suite 100
Eureka, CA 95501

Subject : 9 Water Samples
Project Name : Cash Oil Fortuna
Project Number : NC-4

Dear Mr. Ferriman,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 50403

Date : 6/14/2006

Project Name : **Cash Oil Fortuna**

Project Number : **NC-4**

Sample : **MW-16** Matrix : Water Lab Number : 50403-01

Sample Date :6/6/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Methyl-t-butyl ether (MTBE)	**15**	0.50	ug/L	EPA 8260B	6/9/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/9/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	6/9/2006
4-Bromofluorobenzene (Surr)	96.9		% Recovery	EPA 8260B	6/9/2006

Sample : **MW-9B** Matrix : Water Lab Number : 50403-02

Sample Date :6/6/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 2.0**	2.0	ug/L	EPA 8260B	6/8/2006
Toluene	**< 2.0**	2.0	ug/L	EPA 8260B	6/8/2006
Ethylbenzene	**< 2.0**	2.0	ug/L	EPA 8260B	6/8/2006
Total Xylenes	**< 2.0**	2.0	ug/L	EPA 8260B	6/8/2006
Methyl-t-butyl ether (MTBE)	**840**	2.0	ug/L	EPA 8260B	6/8/2006
TPH as Gasoline	**< 200**	200	ug/L	EPA 8260B	6/8/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	6/8/2006
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	6/8/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 50403

Date : 6/14/2006

Project Name : **Cash Oil Fortuna**

Project Number : **NC-4**

Sample : **MW-9A** Matrix : Water Lab Number : 50403-03

Sample Date :6/6/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**9.4**	0.50	ug/L	EPA 8260B	6/8/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/8/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/8/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/8/2006
Methyl-t-butyl ether (MTBE)	**34**	0.50	ug/L	EPA 8260B	6/8/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/8/2006
Toluene - d8 (Surr)	95.1		% Recovery	EPA 8260B	6/8/2006
4-Bromofluorobenzene (Surr)	115		% Recovery	EPA 8260B	6/8/2006

Sample : **MW-10B** Matrix : Water Lab Number : 50403-04

Sample Date :6/6/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Methyl-t-butyl ether (MTBE)	**2.4**	0.50	ug/L	EPA 8260B	6/9/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/9/2006
Toluene - d8 (Surr)	99.7		% Recovery	EPA 8260B	6/9/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	6/9/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 50403

Date : 6/14/2006

Project Name : **Cash Oil Fortuna**

Project Number : **NC-4**

Sample : **MW-10A** Matrix : Water Lab Number : 50403-05

Sample Date :6/6/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/9/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	6/9/2006
4-Bromofluorobenzene (Surr)	99.1		% Recovery	EPA 8260B	6/9/2006

Sample : **MW-11B** Matrix : Water Lab Number : 50403-06

Sample Date :6/6/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Methyl-t-butyl ether (MTBE)	**110**	0.50	ug/L	EPA 8260B	6/9/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/9/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	6/9/2006
4-Bromofluorobenzene (Surr)	98.8		% Recovery	EPA 8260B	6/9/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 50403

Date : 6/14/2006

Project Name : **Cash Oil Fortuna**

Project Number : **NC-4**

Sample : **MW-12B** Matrix : Water Lab Number : 50403-07

Sample Date :6/6/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Methyl-t-butyl ether (MTBE)	**4.4**	0.50	ug/L	EPA 8260B	6/9/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/9/2006
Toluene - d8 (Surr)	97.2		% Recovery	EPA 8260B	6/9/2006
4-Bromofluorobenzene (Surr)	107		% Recovery	EPA 8260B	6/9/2006

Sample : **MW-13A** Matrix : Water Lab Number : 50403-08

Sample Date :6/6/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Methyl-t-butyl ether (MTBE)	**3.1**	0.50	ug/L	EPA 8260B	6/9/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/9/2006
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	6/9/2006
4-Bromofluorobenzene (Surr)	109		% Recovery	EPA 8260B	6/9/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 50403

Date : 6/14/2006

Project Name : **Cash Oil Fortuna**

Project Number : **NC-4**

Sample : **MW-13B** Matrix : Water Lab Number : 50403-09

Sample Date :6/6/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2006
Methyl-t-butyl ether (MTBE)	**17**	0.50	ug/L	EPA 8260B	6/9/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/9/2006
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	6/9/2006
4-Bromofluorobenzene (Surr)	107		% Recovery	EPA 8260B	6/9/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 50403

Date : 6/14/2006

QC Report : Method Blank Data

Project Name : **Cash Oil Fortuna**

Project Number : **NC-4**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/8/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/8/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/8/2006
Toluene - d8 (Surr)	98.9		%	EPA 8260B	6/8/2006
4-Bromofluorobenzene (Surr)	106		%	EPA 8260B	6/8/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/9/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/9/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/9/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/9/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/9/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/9/2006
Toluene - d8 (Surr)	101		%	EPA 8260B	6/9/2006
4-Bromofluorobenzene (Surr)	99.4		%	EPA 8260B	6/9/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/8/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/8/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/8/2006
Toluene - d8 (Surr)	88.5		%	EPA 8260B	6/8/2006
4-Bromofluorobenzene (Surr)	118		%	EPA 8260B	6/8/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/8/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/8/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/8/2006
Toluene - d8 (Surr)	101		%	EPA 8260B	6/8/2006
4-Bromofluorobenzene (Surr)	100		%	EPA 8260B	6/8/2006

Approved By: Joel Kiff

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2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 50403

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 6/14/2006

Project Name : **Cash Oil Fortuna**

Project Number : **NC-4**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	50412-07	<0.50	40.0	40.0	42.9	41.7	ug/L	EPA 8260B	6/8/06	107	104	2.78	70-130	25
Toluene	50412-07	<0.50	40.0	40.0	41.5	40.5	ug/L	EPA 8260B	6/8/06	104	101	2.42	70-130	25
Tert-Butanol	50412-07	<5.0	200	200	203	210	ug/L	EPA 8260B	6/8/06	102	105	3.51	70-130	25
Methyl-t-Butyl Ether	50412-07	<0.50	40.0	40.0	38.9	39.3	ug/L	EPA 8260B	6/8/06	97.2	98.2	1.07	70-130	25
Benzene	50425-04	<0.50	40.0	40.0	41.6	38.2	ug/L	EPA 8260B	6/9/06	104	95.6	8.36	70-130	25
Toluene	50425-04	<0.50	40.0	40.0	41.0	37.2	ug/L	EPA 8260B	6/9/06	102	92.9	9.81	70-130	25
Tert-Butanol	50425-04	<5.0	200	200	195	186	ug/L	EPA 8260B	6/9/06	97.7	93.0	4.89	70-130	25
Methyl-t-Butyl Ether	50425-04	<0.50	40.0	40.0	36.1	33.6	ug/L	EPA 8260B	6/9/06	90.3	84.1	7.06	70-130	25
Benzene	50403-03	9.4	40.0	40.0	48.4	47.0	ug/L	EPA 8260B	6/8/06	97.7	94.0	3.81	70-130	25
Toluene	50403-03	<0.50	40.0	40.0	40.0	38.5	ug/L	EPA 8260B	6/8/06	100	96.2	3.85	70-130	25
Tert-Butanol	50403-03	<5.0	200	200	199	206	ug/L	EPA 8260B	6/8/06	99.6	103	3.40	70-130	25
Methyl-t-Butyl Ether	50403-03	34	40.0	40.0	71.5	68.7	ug/L	EPA 8260B	6/8/06	94.5	87.5	7.68	70-130	25
Benzene	50420-02	<0.50	40.0	40.0	41.0	40.5	ug/L	EPA 8260B	6/8/06	103	101	1.33	70-130	25
Toluene	50420-02	<0.50	40.0	40.0	42.4	41.5	ug/L	EPA 8260B	6/8/06	106	104	2.06	70-130	25
Tert-Butanol	50420-02	<5.0	200	200	206	211	ug/L	EPA 8260B	6/8/06	103	106	2.19	70-130	25
Methyl-t-Butyl Ether	50420-02	<0.50	40.0	40.0	40.4	41.2	ug/L	EPA 8260B	6/8/06	101	103	2.10	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 50403

QC Report : Laboratory Control Sample (LCS)

Date : 6/14/2006

Project Name : **Cash Oil Fortuna**

Project Number : **NC-4**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	6/8/06	102	70-130
Toluene	40.0	ug/L	EPA 8260B	6/8/06	102	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/8/06	104	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/8/06	95.9	70-130
Benzene	40.0	ug/L	EPA 8260B	6/9/06	99.0	70-130
Toluene	40.0	ug/L	EPA 8260B	6/9/06	96.8	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/9/06	99.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/9/06	92.9	70-130
Benzene	40.0	ug/L	EPA 8260B	6/8/06	92.2	70-130
Toluene	40.0	ug/L	EPA 8260B	6/8/06	94.6	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/8/06	101	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/8/06	91.1	70-130
Benzene	40.0	ug/L	EPA 8260B	6/8/06	102	70-130
Toluene	40.0	ug/L	EPA 8260B	6/8/06	104	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/8/06	102	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/8/06	100	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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KIFF Analytical LLC

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Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 50403

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Scott Ferriman

California EDF Report? ☒ Yes ☐ No

Company / Address: Blue Rock Env. Inc, 535 3rd St. Ste. 100 Eureka, CA

Sampling Company Log Code:

Phone #: (707) 441-1934 Fax #: (707) 441-1949

Global ID: T0602300452

Project #: NC-4 P.O. #:

EDF Deliverable To (Email Address): scott@bluerockenv.com

Project Name: Cash oil Fortuna

Sampler Signature: James Lindeman

Project Address: 409 S. Fortuna Blvd Fortuna CA

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Preservative: HCl	HNO_3	None	Matrix: Water	Soil	Air	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	1 wk	For Lab Use Only
MW-16	6/6/06	10:50	3					X			X				X	X	X											X	01
MW-9B		11:10																											02
MW-9A		11:30																											03
MW-10B		11:50																											04
MW-10A		12:10																											05
MW-11B		12:30																											06
MW-12B		12:50																											07
MW-13A		10:10																											08
MW-13B		10:30																											09

Relinquished by:	Date	Time	Received by:
James Lindeman	6/6/06		FedEx

Remarks:

Bill to:

Relinquished by:	Date	Time	Received by Laboratory:
	060706	1056	Kiff Analytical

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
3.4	ADC	060706	1050	IR-1	(Yes) No

Distribution: White - Lab; Pink - Originator
Rev: 051805