EXXON COMPANY, U.S.A.

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MARKETING DEPARTMENT

ENVIRONMENTAL ENGINEERING

G. D. GIBSON
SENIOR ENVIRONMENTAL ENGINEER

October 2, 1990

Exxon RAS 7-3006
720 High Street
Oakland, California

Mr. Larry Seto
Alameda County Environmental Health Department
Hazardous Materials Division
80 Swan Way, Suite 200
Oakland, California 94621

Dear Mr. Seto:

Attached for your review and comments is the Letter Report on Quarterly Ground-Water Monitoring for the Second Quarter 1990 at the above referenced site in the City of Oakland. This report is by Applied GeoSystems of Fremont, California.

We will be proceeding with additional site characterization and the design of a remediation system for this site in the near future. Should you have any comments or concerns please contact me at (415) 246-8768. Thank you.

Sincerely,

Gary D. Gibson

GDG:rh
1692E
Attachments

c - w/attachment:
Mr. V. Chu
Mr. L. Feldman - San Francisco Bay Region Water Quality Control Board

w/o attachment:
Mr. D. J. Bertoch
Mr. P. J. Brininstool
Ms. J. E. Folger
Mr. J. R. Hastings
Mr. M. Thomson - Alameda County District Attorney's Office
Mr. R. C. Witham - Applied GeoSystems

QUARTERLY REPORT
APRIL - JUNE 1990

EXXON SUMMARY

Project: Exxon Station No. 7-3006

Address: 720 High Street, Oakland, CA 94601

AGS Job No.: 87042

WORK PERFORMED DURING PRESENT QUARTER

1) Performed second quarter 1990 quarterly monitoring and sampling of ground-water; analyzed one water sample for background water-quality parameters; performed slug tests on several site wells.

2) Submitted final second quarter 1990 monitoring report to Exxon on June 19, 1990.

3) Prepared a work plan and budget for sampling of soil from the new tank pit, and submitted to Exxon on June 26, 1990.

WORK TO BE PERFORMED NEXT QUARTER

1) Sample soil from new tank pit.

2) Begin monthly monitoring and product removal; continue quarterly ground-water sampling.

3) Install two onsite and two offsite wells to help delineate dissolved hydrocarbons and drill additional shallow borings to help delineate the hydrocarbons in shallow soil.

4) Perform a short-term pump test on one site well.

5) After completion of delineation, proceed with design and permitting for a ground-water extraction and treatment and product-recovery system.

TABLE 1
RESULTS OF SUBJECTIVE EVALUATION OF WATER SAMPLES
(page 1 of 3)

Date	Depth to Water (ft)	Floating Product (ft)	Sheen	Emulsion
MW-1				
4/25/89	7.55	NONE	NONE	NONE
4/27/89	10.16	NONE	SLIGHT	NONE
9/06/89	10.88	NONE	V.SLIGHT	NONE
9/22/89	11.06	NONE	NONE	NONE
11/1/89	10.82	NONE	NONE	NONE
11/15/89	11.07	NONE	NONE	NONE
12/6/89	10.33	NONE	NONE	NONE
2/20/90	8.81	NONE	NONE	NONE
4/19/90	9.33	NONE	NONE	NONE
MW-2				
4/25/89	9.27	2.16	---	NONE
7/19/89	10.81	1.56	---	NONE
7/27/89	10.18	0.13	---	HEAVY
9/06/89	10.89	0.09	---	SLIGHT
9/22/89	11.56	0.56	---	SLIGHT
11/1/89	10.85	0.09	---	NONE
11/15/89	11.05	0.07	---	NONE
12/6/89	10.23	0.13	---	NONE
2/20/90	8.86	0.29	---	NONE
4/19/90	9.09	0.10	---	NONE
MW-3				
4/25/89	7.57	0.08	---	NONE
7/19/89	10.33	0.66	---	NONE
7/27/89		covered by soil		
9/06/89	11.22	0.07	---	SLIGHT
9/22/89	11.38	0.28	---	SLIGHT
11/1/89	10.90	0.01	---	NONE
11/15/89	11.18	0.11	---	NONE
12/6/89	10.29	NONE	SLIGHT	NONE
2/20/90	8.73	0.04	---	NONE
4/19/90	9.20	0.09	---	NONE

TABLE 1
RESULTS OF SUBJECTIVE EVALUATION OF WATER SAMPLES
(page 2 of 3)

Date	Depth to Water (ft)	Floating Product (ft)	Sheen	Emulsion
MW-4				
4/25/89	7.26	0.16	---	NONE
7/19/89	10.32	0.72	---	NONE
7/27/89		covered by soil		
9/06/89	11.40	0.07	---	SLIGHT
9/22/89	11.64	0.19	---	SLIGHT
11/1/89	11.00	NONE	SLIGHT	NONE
11/15/89	11.18	0.10	---	NONE
12/6/89	10.25	NONE	SLIGHT	NONE
2/20/90	8.40	NONE	NONE	NONE
4/19/90	9.04	0.03	---	NONE
MW-5				
4/25/89	8.06	0.32	---	NONE
7/18/89		well abandoned		
MW-6				
4/25/89	8.02	NONE	NONE	NONE
9/06/89	13.64	0.08	---	SLIGHT
9/22/89	13.79	0.07	---	SLIGHT
11/1/89	12.78	NONE	SLIGHT	NONE
11/15/89	12.91	NONE	SLIGHT	NONE
12/6/89	11.84	NONE	NONE	NONE
2/20/90	9.08	NONE	NONE	NONE
4/19/90	9.72	NONE	NONE	NONE
MW-7				
4/25/89	8.66	NONE	NONE	NONE
9/06/89	11.72	NONE	SLIGHT	NONE
9/22/89	11.89	NONE	NONE	NONE
12/6/89	10.46	NONE	NONE	NONE
2/20/90	8.44	NONE	NONE	NONE
4/19/90	9.54	NONE	NONE	NONE
MW-8				
4/25/89	8.31	0.66	---	NONE
7/19/89	10.97	1.25	---	NONE
7/27/89	10.34	0.08	---	HEAVY

continued

TABLE 1
RESULTS OF SUBJECTIVE EVALUATION OF WATER SAMPLES
(page 3 of 3)

Date	Depth to Water (ft)	Floating Product (ft)	Sheen	Emulsion
MW-8 continued				
9/06/89	11.09	0.17	---	SLIGHT
9/22/89	11.58	0.36	---	SLIGHT
11/1/89	11.03	NONE	NONE	NONE
11/15/89	11.25	0.01	---	NONE
12/6/89	10.30	NONE	SLIGHT	NONE
2/20/90	8.00	0.01	---	NONE
4/19/90	8.50	NONE	NONE	NONE
MW-9				
4/25/89	8.25	NONE	NONE	NONE
9/06/89		covered by soil		
9/22/89		covered by soil		
12/6/89	10.12	NONE	NONE	NONE
2/20/90	9.38	NONE	NONE	NONE
4/19/90	9.40	NONE	NONE	NONE
MW-10				
12/6/89	10.46	NONE	NONE	NONE
2/20/90	8.12	NONE	NONE	NONE
4/19/90	8.54	NONE	NONE	NONE
MW-11				
12/6/89	10.62	NONE	NONE	NONE
2/20/90	9.20	NONE	NONE	NONE
4/19/90	9.80	NONE	NONE	NONE
MW-12				
12/6/89	8.00	NONE	NONE	NONE
2/20/90	6.33	NONE	NONE	NONE
4/19/90	7.18	NONE	NONE	NONE
MW-13				
12/6/89	9.35	NONE	NONE	NONE
2/20/90	7.73	NONE	NONE	NONE
4/19/90	8.68	NONE	NONE	NONE