

RECEIVED

By Alameda County Environmental Health at 3:56 pm, Jan 21, 2014

**Fourth Quarter 2013 Periodic Compliance Report
East Bay Municipal Utility District
Special Discharge Permit No. 05928020**

**2844 Mountain Blvd.,
Oakland, California**

January 20, 2014

Project 5084

Prepared for

**Tejindar Singh
6400 Dublin Blvd.
Dublin, California, 94568**



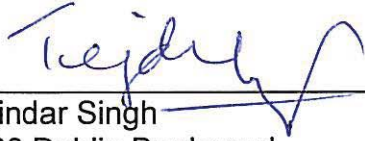
ENVIRONMENTAL ENGINEERING, INC.

6620 Owens Drive Suite A Pleasanton CA 94588 Ph: 925.734.6400 F: 925.734-6401 www.somaenv.com

PERJURY STATEMENT

Site Location: 2844 Mountain Boulevard, Oakland, California

"I declare under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge".



Tejinder Singh
6400 Dublin Boulevard
Dublin, California 94568
Responsible Party

Certification Statement

Mansour Sepehr
Name

President
Title

6620 Owens Dr., Suite A
Street Address

Pleasanton
City

94588
Zip

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Signature

1/20/14
Date





ENVIRONMENTAL ENGINEERING, INC.
6620 Owens Drive, Suite A • Pleasanton, CA 94588
TEL (925)734-6400 • FAX (925)734-6401
www.somaenv.com

January 20, 2014

Ms. Laurice Brown
Wastewater Environmental Services Division
East Bay Municipal Utility District
375-11th Street
Oakland, California 94607

Re: Fourth Quarter 2013 Periodic Compliance Report
Special Discharge Permit # 05928020
2844 Mountain Blvd, Oakland, California

Dear Ms. Brown:

This report fulfills quarterly requirements established by EBMUD for discharge of groundwater to the sewer main at the above-referenced site for the reporting period of October 1, 2013 through December 31, 2013.

On April 3, 2013, SOMA received approval from San Francisco Bay Regional Water Quality Control Board to conduct multi-phase extraction (MPE) pilot testing at the site. MPE pilot test utilized on-site groundwater monitoring and remediation wells to extract contaminated soil vapor and groundwater, treat it and discharge to the sewer. EBMUD issued a Special Discharge Permit (SDP) upon SOMA's request, effective August 4, 2013.

The MPE pilot test commenced at the site on December 2, 2013 and was conducted through December 16, 2013. The groundwater extracted during this event was treated through a treatment system consisting of two 55 gallon granular activated carbon (GAC) vessels connected in series. Each GAC vessel was filled with 200 lb of coconut husk charcoal. Treated groundwater was then discharged to the EBMUD sewer system. SOMA field crew ensured compliance with the EBMUD wastewater discharge permit throughout the duration of this test.

During this pilot test approximately 2,091 gallons of groundwater was extracted, treated, and discharged to the site sewer. There has been no discharge since the last day of operation of the MPE pilot test (December 16, 2013). Discharge logs are attached in Appendix A.

If any further MPE events occur at the site, SOMA will inform the EBMUD staff in advance. If you have any questions or comments, please do not hesitate to call me at (925) 734-6400.

Sincerely,



Mansour Sepehr, PhD, PE
Principal Hydrogeologist

cc: Tejindar Singh



Appendix A

Discharge Logs

2844 Mountain Blvd., Oakland

Date & Time of Operation and Maintenance

	12/2/2013	12/3/2013	12/4/2013	12/5/2013	12/6/2013
Date	12/2/2013	12/3/2013	12/4/2013	12/5/2013	12/6/2013
Time	1300	1200	900	900	930
Record Totalizer Reading (gallons)	0	23	177	286	403
Check for leaks throughout system	None	None	None	None	None
MPE event	Begin	Ongoing	Ongoing	Ongoing	Ongoing
Initials/Signature	<i>hml</i>	<i>hml</i>	<i>hml</i>	<i>hml</i>	<i>hml</i>
Notes	Extracting from MW-1, started @ 1:00 PM			Switched to MW-2 @ 1100	

2844 Mountain Blvd., Oakland

Date & Time of Operation and Maintenance

	12/7/2013	12/8/2013	12/9/2013	12/10/2013	12/11/2013
Date	12/7/2013	12/8/2013	12/9/2013	12/10/2013	12/11/2013
Time	930	900	930	1000	1000
Record Totalizer Reading (gallons)	521	698	816	955	1,071
Check for leaks throughout system	None	None	None	None	None
MPE event	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing
Initials / Signature	<i>RLC</i>	<i>RLC</i>	<i>RLC</i>	<i>RLC</i>	<i>RLC</i>
Notes			Switched to RS-4 @ 1000		

2844 Mountain Blvd., Oakland

Date & Time of Operation and Maintenance

	12/12/2013	12/13/2013	12/14/2013	12/15/2013	12/16/2013
Date	12/12/2013	12/13/2013	12/14/2013	12/15/2013	12/16/2013
Time	800	900	930	930	1200
Record Totalizer Reading (gallons)	1,193	1,596	1,720	1,889	2,091
Check for leaks throughout system	None	None	None	None	None
MPE event	Ongoing	Ongoing	Ongoing	Ongoing	End of MPE Pilot Test
Initials / Signature	RL	RL	RL	RL	RL
Notes	Switched to RS-3 @ 900 MW-1 & 2 @ 1200				Total volume discharged during the pilot test = 2,091 Gallons