



HAZARDOUS MATERIAL SPILLS INFORMATION REQUEST

MOBIL S/S #17-HH7
68-09 QUEENS BLVD

WOODSIDE, NY NO ZIP PROVIDED

Spill Number: 9007122

Close Date:

ADDRESS CHANGE INFORMATION
Revised street: 6809 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY
Notifier Type: Responsible Party
Caller Name: SCOTT GOTTSCHALL
DEC Investigator: JXPEREZM

Spiller: MELISSA TACCHINO – EXXONMOBIL CORP
Notifier Name:
Caller Agency: MOBIL OIL
Contact for more spill info:

Spiller Phone: (908) 730-3610
Notifier Phone:
Caller Phone: (703) 849-5319
Contact Person Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
09/28/1990		UNKNOWN	2-157290	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE MTBE (METHYL-TERT-BUTYL ETHER)	PETROLEUM HAZARDOUS MATERIAL	0.00 0.00	GALLONS UNKNOWN	0.00 0.00	GALLONS UNKNOWN	SOIL, GROUNDWATER

Caller Remarks:

4 INCHES OF PRODUCT IN MONITORING WELLS, INSTALLED 2 WEEKS AGO, TANK REPLACED IN 7/89, TO INVESTIGATE, CONTRACTOR TYREE.

DEC Investigator Remarks:

This spill site has been consolidated under spill no. 90-07122. See also spill nos. 90-12777 and 05-09205.

4/4/2002: STIP executed between Exxon Mobil and the Department. SVE/AS system was started shortly after STIP execution. (Sigona)

4/5/2004: Project management was transferred from Sigona to Harrington (central office) for management. (Harrington)

12/21/2004: Letter sent to Exxon Mobil indicating SRS was accepted by the Department. Letter also indicated that the post-remedial sampling plan was due by April 3, 2005 as required by the STIP. (Harrington)

5/26/2005: Sent letter to Exxon Mobil approving work plan to expand the on-site SVE/AS system in order to address residual BTEX in groundwater. (Harrington)

4/4/2006: Approved station upgrade activity report. No additional spill nos. were generated as a result of this work. (Harrington)

6/15/2006: PM conducted a site visit with GSC-Kleinfelder personnel. SVE/AS system expansion has been completed in order to progress the site to closure. Additional AS well installed in SE corner of the site where highest GW concentrations exist, and additional SVE and AS wells adjacent to the station building in order to deal with elevated concentrations in GW. System appears to be operating smoothly. (Harrington)

2/1/2007 – ExxonMobil submitted a site status update report and there is no major change in the concentration and distribution of the contaminants at the site. (Perez)

3/6/2007: Project management was transferred from Harrington to Perez (central office) for management. (Perez)

05/31/2007: The SVE system had been running continuously. ExxonMobil continues to gauge and sample the on-site monitoring wells on a bi-annual (June/December) basis. (Perez)

06/24/2007: The SVE/AS system shut-down. It appears that the breaker to the SVE motor overloaded and partially melted the breaker panel. ExxonMobil working on the repairs of the system. (Perez)

07/17/2007: The SVE/AS system is up and running. The SVE motor breaker was replaced and the panel repaired on July 2, however, as the technician was leaving the Site on July 2, the contactor coil on the SVE motor started smoking. At that time the AS system was shut down pending evaluation and repairs. The SVE system has remained in operation since 7/2/2007. The AS system was repaired and restarted on July 13, 2007. (Perez)

08/03/2007: ExxonMobil submitted a site status update report and there is no major change in the concentration and distribution of the contaminants at the site. (Perez)

03/10/2008: The SVE/AS system is up and running. System optimization and evaluation is ongoing in an effort to address dissolved-phase hydrocarbon concentrations at the Site. ExxonMobil continues to gauge and sample the on-site monitoring wells on a biannual (June/December) basis. (Perez)

10/29/2008 – The SVE/AS system is currently operational with the exception of three sparge points (SP-1, SP-5, and SP-7) which are off-line pending further repairs. ExxonMobil continues to gauge and sample the on-site monitoring wells on a biannual (June/December) basis. (Perez)

01/29/2009 – Exxonmobil request to reduce quarterly sampling/reporting program. Proposal is currently under review. System repairs completed, optimization, and evaluation is ongoing in an effort to address dissolved-phase hydrocarbon concentrations at the Site. ExxonMobil continues to gauge and sample the on-site monitoring wells on a bi-annual basis. (Perez)

02/26/2009 – ExxonMobil's proposal to reduce the sampling and reporting program was accepted. The new program will be effective on January 2010. ExxonMobil continues to gauge and sample the on-site monitoring wells on a bi-annual basis. (Perez)

07/07/2009 – ExxonMobil continues to monitoring AS/SVE system, gauge and sample the on-site monitoring wells on a bi-annual basis. (Perez)

10/19/2009 – Analytical data indicates that dissolved-phase hydrocarbon concentrations continue to generally show a decreasing trend. ExxonMobil continues to monitor the AS/SVE system and to gauge and sample the on-site monitoring wells on a bi-annual basis. (Perez)

04/16/2010 – Quarterly monitoring report results are consistent with historical data. Analytical data indicates that dissolved phase continues to generally show a slow decrease. ExxonMobil is proposing to monitor the SVE results over the next two quarters (June and December), if groundwater data from the on-site monitoring wells indicates continued stable concentrations of BTEX/MTBE they will request to temporary terminate operations of the SVE/AS remediation system. PM will draft a letter with comments with regard to this request. (Perez)

05/24/2010 – ExxonMobil is proposing to monitor the SVE results over the next two quarters (June and December), if groundwater data from the on-site monitoring wells indicates continued stable concentrations of BTEX/MTBE they will request to temporary terminate operations of the SVE/AS remediation system. (Perez)

08/26/2010 – Phase II ESA Report submitted and is currently under review. SVE/AS system is operational and being monitored for effectiveness. ExxonMobil is proposing to monitor the SVE/AS results over the next two quarter (June and December), if groundwater data from the on-site monitoring wells indicates continued stable concentrations of BTEX/MTBE they will request to temporary terminate operations of the SVE/AS remediation system. Next quarterly report to be submitted by September 2010. (Perez)

09/28/2010 – The Phase II ESA Report and the Quarterly Report reveals product in monitoring wells MW-A and MW-1, respectively. DEC will request further investigation to determine the nature and extent of the contamination. The request to close spill (09-11895) in connection with this matter is unacceptable at this time. (Perez)

11/30/2010 – Site transfer to East River Petroleum Realty LLC(East River). East River will assume the remedial obligations of Exxonmobil for this spill. Awaiting for East River to discuss the project. (Perez)

02/25/2011 – East River's consultant, Arcadis, will develop a plan to investigate products found in monitoring wells MW-A and MW-1. The SVE/AS system will be shutdown and then startup (pulse)again in an attempt to increase mass removal rates or corroborate that contaminant concentration rebound is not occurring. (Perez)

07/26/2011 – An analysis of the AS system is being conducted by Arcadis and the AS system will be repaired and turned on with NYSDEC concurrence. It is expected that the mass recovery will increase with a operating AS system. Based on the most recent data, Arcadis recommended that the system optimization be conducted to focus recovery around MW-1 and MW-2. Next quarterly report to be submitted by the end of August 2011. (Perez)

08/26/2011 – ARCADIS will propose to conduct surfactant injections to address soil/groundwater contamination in the area around MW-1 and MW-2. A RAP amendment will be submitted to the NYSDEC for review and approval. Next quarterly report to be submitted by the end of August 2011.(Perez)

09/28/2011 – Quarterly monitoring report results are consistent with historical data. A Remedial Action Work Plan is being prepared and will be submitted to the Department. The plan will request to turn the current AS/SVE system off and conduct chemical oxidation injections at the site. Next semiannually report to be submitted by the end of February 2012.

04/26/2012 – February 2012 – Site Update Report revealed dissolved-hydrocarbons concentrations are the lowest (max. 1356 ppb BTEX) since sampling was initiated in the site. ARCADIS will submit a revised Remedial Action Plan early May to address comments in regards proposed RAP reporting frequency requirements and future decommission of existing AS/SVE system. Also, ARCADIS will

submit a Corrective Action Plan in order to implement proposed RAP under the existing STIP. Next semiannually report to be submitted by the end of August 2012.(Perez)

06/07/2012 – Remedial Action Plan (RAP) has been approved. The approved plan proposed injections of sodium persulfate solution to address soil/groundwater contamination. Fieldwork in connection with approved RAP is expected to commence no later than August 2012. Next semiannually report to be submitted by the end of August 2012.(Perez)

09/25/2012 – ARCADIS begin installing injection wells the week of August 27, 2012. The next groundwater sampling event is scheduled for December 2012 and the semiannually report due by the end of February 2013.(Perez)

ARCADIS Staff installed two injection wells but were unable to find a suitable location to install the third proposed injection well because underground utilities. ARCADIS will install two new injection wells, in alternate locations, to address this portion of the site. However, delays are expected due to hurricane devastation in the area. (October 31, 2012)

This site falls under the holiday embargo from November 16th through January 2nd. ARCADIS will not be able to get a sidewalk permit in place and a driller set up before the 16th. Therefore, they plan this field work for the first week in January once the embargo is lifted. (11-27-2012)

ARCADIS completed the installation of two new injection wells early February 2013. Injection event to be scheduled in the following two months. The next semiannual groundwater sampling event is scheduled for June 2013 and the semiannually report due by the end of August 2013. (02-27-13)

ARCADIS completed the installation of two new injection wells February 2013. Injections of sodium persulfate solution to be scheduled. The next semiannual groundwater sampling event is scheduled for June 2013 and the semiannually report due by the end of August 2013. (02-27-13)

Injections of sodium persulfate commenced on the week of April 14 and it's expected to last at least two weeks. The next semiannual groundwater sampling event is scheduled for June 2013 and the semiannual report due by the end of August 2013. (04-28-13)

Injections of sodium persulfate has been completed in accordance with approved work plan. The next semiannual report due by the end of August 2013. (07-25-13)

August 2013 – Site Update report revealed increases of dissolved-hydrocarbons concentrations in monitoring wells adjacent to the sodium persulfate injection points. This is caused by the mobilization of the residual soil contamination into the dissolve phase, resulting in a spike in dissolve phase VOC's concentrations. Next semiannually report to be submitted by the end of February 2014. (10-30-13)

July 22, 2014 – V. Brevdo. Spill Case reassigned to Remedial Section B Region 2 as per discussion between R. Cozzy and V. Brevdo (discussion was both verbally and via e-mails). VB

11-26-2014 – J. Perez-Maldonado. Spill case reassigned to Remedial Bureau B, Section B as per discussion between J. Brown, J. Perez-Maldonado and V. Brevdo.

3-6-2015 – February 2015 quarterly report results revealed concentrations of dissolved-phase hydrocarbons are increasing in the monitoring wells located in the eastern/southeastern portion of the sites. LPH was not observed during this quarterly monitoring event. Bolla continues to gauge and sample the on-site/off-site monitoring wells on a quarterly basis. Next quarterly report to be submitted by the end of May 2015.

03-31-15 – RP consultant will submit a revised work plan to perform long duration mobile AS/SVE events at the site. The work plan is currently in draft and will be submitted to the NYSDEC by the end of March 2015.

May 13, 2015 – Remedial Action Plan/Corrective Action Plan has been approved. The initial mobile AS/SVE event is expected no later than August 31, 2015.

August 31, 2015 – On June 1, 2015, a property transfer was executed between East River Petroleum, LLC (East River) and Alliance. The August 2015 semiannual report results revealed concentrations of dissolved-phase hydrocarbons are slowly decreasing. LPH was not observed during this quarterly monitoring event. Alliance continues to gauge and sample the on-site/off-site monitoring wells on a quarterly basis. Next semiannual report to be submitted by February 2016.

January 29, 2016 semiannual report results revealed concentrations of dissolved-phase hydrocarbons (i.e., max. 19,000 ppb BTEX) are decreasing in the monitoring wells located in the southeastern portion of the site. LPH was not observed during this quarterly monitoring event. RP continues to gauge and sample the on-site/off-site monitoring wells on a quarterly basis. Next quarterly report to be submitted by the end of August 2016.

March 30, 2016 – The AS/SVE system infrastructure improvements are scheduled to take place on 4/6 and 4/7. This work includes demolition of the existing shed, installation of a fence to protect the existing infrastructure and the completion of the electrical service.