



HAZARDOUS MATERIAL SPILLS INFORMATION REQUEST

FORMER MOBIL 99-GNY – LEFEBRES AUTOMOTIVE
40 STONE ROAD

ROCHESTER, NY 14616

Spill Number: 1007366

Close Date:

ADDRESS CHANGE INFORMATION

Revised street: 40 STONE RD

Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY

Notifier Type: Other

Caller Name:

DEC Investigator: GPYOUNG

Spiller: EXXONMOBIL

Notifier Name:

Caller Agency:

Contact for more spill info: CALLER

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release 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	Meets Cleanup Standards		Penalty Recommended	
09/29/2010		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0.00	UNKNOWN	0.00	UNKNOWN	SOIL, GROUNDWATER

Caller Remarks:

RECORDS SEARCH INVESTIGATION BY EXXONMOBIL DETERMINED SITE IS FORMER GAS STATION FORMERLY OWNED BY EXXONMOBIL. **CONTAMINATION ON ADJOINING PROPERTY DISCOVERED DURING PROPERTY TRANSACTION** ATTRIBUTED TO 40 STONE PROPERTY. GES PLANS TO CONDUCT GPR AND PROPOSE BORINGS TO INVESTIGATE SITE. PLAN TO BE SUBMITTED TO DEC FOR REVIEW AND COMMENT.

DEC Investigator Remarks:

04/06/2011: PM TELCON WITH ROB SICKLER – GES, PERFORMED SOIL BORINGS (7) AND INSTALLED WELLS (5) AT SITE TO EVALUATE SITE CONDITIONS. 5 – 6 OF THE BORINGS HAD ELEVATED PID READINGS. GES IS COMPILING DATA AND WILL SUBMIT A REPORT WITH THEIR FINDINGS TO THE DEPARTMENT.

04/08/2011: GES MONITORED NEWLY INSTALLED WELLS ON PROPERTY. **0.6 FEET OF SEPARATE PHASE HYDROCARBON WAS DETECTED IN MW-4.** FINDINGS WILL BE REPORTED IN A FORTHCOMING 2ND QUARTER REPORT.

10/17/2011: GES MONITORING REPORT INDICATES SEPERATE PHASE PRODUCT STILL OCCURS IN MW-4.

11/15/2011: SENT EMAIL TO CAREY LETTS REQUESTING FURTHER DELINEATION AND REMEDIATION.

12/23/11: GES MONITORING SPH ON A MONTHLY BASIS AND ARE DEVISING PLAN TO REMOVE SPH FROM SITE. **MW-4 HAS THICKNESS OF 0.78 FEET AS OF 12/16/11.**

08/21/2013: PM TELCON WITH JOSH GRESHAM – EXXON MOBIL AND TRICIA DOMAGO – GES, GES PLANS PILOT TEST ADDRESS CONTAMINATION. **INVESTIGATION REVEALED HIGH LEVELS OF VOC'S IN GROUNDWATER NORTH AND SOUTH OF 175 STONEWOOD AVE THAT IS A RENTAL RESIDENCE, CURRENTLY VACANT. THIS CONTAMINATION APPEARS TO BE SEPARATE FROM THE REST OF THE PLUME BASED ON CONCENTRATION GRADIENT.**

10/23/2014: RECEIVED 3RD QUARTER MONITORING REPORT FROM GES. **HIGH CONCENTRATIONS OF STARS VOC'S OCCUR IN SEVERAL MONITORING WELLS, NOTABLY MW13, MW14, MW1, MW17, MW12, MW16, MW8.** REMEDIAL OPTIONS ARE STILL UNDER EVALUATION.

02/11/2015: PM, DD, GY MEET WITH JUSTIN DOMAGO AND WILL HACKETT OF GES TO DISCUSS SITE STATUS. SITE ROB SICKLER IS THE PROJECT MANAGER FOR GES. THEY PLAN TO IMPLEMENT REMEDIAL ACTION PLAN AND DO INDOOR AIR TESTING OF RENTAL PROPERTY ADJACENT TO LEFEBRES SITE.

12/11/15: DEC LEAD TRANSFERRED FROM PMILLER TO GYOUNG FOR FOLLOWUP.

1/7/16: GY TELECON WITH ROB SICKLER OF GES. SICKLER REPORTS THAT THE FOURTH QUARTER 2015 MONITORING WAS COMPLETED IN DECEMBER. SICKLER REPORTS THAT THE INDOOR AIR STUDY REFERENCED ABOVE (SEE ENTRY ABOVE FOR 2/11/15) AT 175 PACKWOOD WAS POSTPONED AS THE HOUSE WAS SEIZED AS A DRUG HOUSE BY THE FEDERAL MARSHALLS. GES WILL CONTINUE TO PERSUE THE TESTING EITHER THROUGH THE MARSHALLS OR A FUTURE OWNER.

1/8/16: THE FOUR MOST RECENT DOCUMENTS ARE FROM JANUARY 2015 (SITE MONITORING REPORT FOR FOURTH QUARTER 2014), MARCH 2015 (A WORK PLAN FOR ADDITIONAL INVESTIGATION AND A SOIL VAPOR INTRUSION INVESTIGATION AT 175 STONEWOOD), APRIL 2015 (SITE MONITORING REPORT FOR FIRST QUARTER 2015), AUGUST 2015 (SITE MONITORING REPORT FOR SECOND QUARTER 2015), AND OCTOBER 2015 (BORINGS AND MONITORING WELLS ASSOCIATED WITH THE MARCH 2015 WORK PLAN, PLUS THE SITE MONITORING REPORT FOR THE THIRD QUARTER 2015).

1/11/16: GY REVIEW OF THE OCTOBER 2015 REPORT, WHICH INCLUDES THE MOST RECENT SOIL BORINGS, MONITORING WELLS AND GROUNDWATER SAMPLING. A TOTAL OF SIX SOIL BORINGS (SB-301 THROUGH SB-306) WERE ADVANCED. SB-301 WAS ADVANCED IN THE DRIVE LANE NORTH OF THE GARAGE. ELEVATED PID READINGS WERE PRESENT FROM ABOUT 9 FEET BGS TO GREATER THAN 16 FEET (THE BOTTOM OF THE BORING). THE MAXIMUM PID READING WAS 770 PPM FROM 14 TO 15 FEET BGS. SB-302 TO SB-306 WERE ALL ADVANCED TOWARD THE NORTH SIDE OF THE 15 STONEWOOD PROPERTY. IN SB-302, PID READINGS WERE ALL LESS THAN 7 PPM. IN SB-303, ELEVATED PID READINGS WERE PRESENT FROM ABOUT 9 FEET BGS TO ABOUT 15 FEET BGS. THE MAXIMUM PID READING WAS 328 PPM FROM 10 TO 11 FEET BGS. IN SB-304, ELEVATED PID READINGS WERE PRESENT FROM SOMEWHERE BETWEEN 10 AND 13 FEET (LACK OF RECOVERY MAKES THE EXACT DEPTH UNKNOWN) AND 20 FEET (THE BOTTOM OF THE BORING). THE MAXIMUM PID READING WAS 351 PPM FROM 13 TO 14 FEET BGS. IN SB-306, ELEVATED PID READINGS WERE PRESENT FROM ABOUT 12 TO 16 FEET BGS. THE MAXIMUM PID READING WAS 217 PPM FROM 15 TO 16 FEET. BORING SB-305 WAS ADVANCED INSIDE THE SITE GARAGE. ELEVATED PID READINGS WERE PRESENT FROM ABOUT 7 FEET TO 14 FEET BGS. THE MAXIMUM PID READING WAS 892 PPM FROM 10 TO 11 FEET. SOIL SAMPLES WERE ANALYZED FOR EACH BORING FOR CP-51 LISTED VOCS. THERE WERE NO EXCEEDENCES IN SB-302. SB-306 HAD ONLY A RELATIVELY MINOR EXCEEDENCE FOR XYLENES. THE REMAINING BORINGS HAS MULTIPLE EXCEEDENCES AND TOTAL VOC CONCENTRATIONS RANGING FROM ABOUT 10,705 TO 191,701 MICROGRAMS PER KILOGRAM. THE MOST IMPACTED BORING WAS SB-305, LOCATED IN THE SITE GARAGE. BORINGS SB-301, SB-302, SB-303, SB-304, AND SB-306 WERE CONVERTED INTO MONITORING WELLS MW-20, MW-21, MW-22, MW-23, AND MW-24 RESPECTIVELY. A GROUNDWATER GAUGING AND SAMPLING EVENT WAS CONDUCTED OF ALL THE SITE WELLS IN AUGUST 2015. **FREE PRODUCT WAS DETECTED IN WELLS MW-4 (0.16 FEET) AND MW-18 (0.06 FEET),** WHICH WERE NOT SAMPLED. THESE WELLS HAVE HISTORICALLY CONTAINED PRODUCT. NO VOCS EXCEEDING TOGS 1.1.1 WERE DETECTED IN MW-2, MW-3, MW-6, MW-7, MW-9, MW-10, MW-11, AND MW-21. ONE OR MORE VOCS EXCEEDED TOGS 1.1.1 IN THE REMAINING WELLS. **TOTAL VOC CONCENTRATIONS IN THESE WELLS RANGED FROM ABOUT 328 TO 25,295 MICROGRAMS PER LITER.** IN ADDITION TO THE 8 WELLS ABOVE WITH NO EXCEEDENCES OF TOGS 1.1.1, TOTAL VOC CONCENTRATIONS WERE LESS THAN 1,000

MICROGRAMS PER LITER IN WELLS MW-5, MW-15, AND MW-19. THE HIGHEST BENZENE CONCENTRATION IN THESE WELLS WAS 326 MICROGRAMS PER LITER. TOTAL VOC CONCENTRATIONS WERE BETWEEN 1,000 AND 10,000 MICROGRAMS PER LITER IN WELLS MW-12, MW-14, MW-16, MW-17, MW-20, MW-22, MW-23, AND MW-24. **THE HIGHEST BENZENE CONCENTRATION IN THESE WELLS WAS 1,060 MICROGRAMS PER LITER.** TOTAL VOC CONCENTRATIONS WERE GREATER THAN 10,000 MICROGRAMS PER LITER IN WELLS MW-1, MW-8, AND MW-13. **THE HIGHEST BENZENE CONCENTRATION IN THESE WELLS WAS 2,110 MICROGRAMS PER LITER.**

1/13/15: SITE MONITORING REPORT FOR THE FOURTH QUARTER OF 2015 RECEIVED FROM GES. SITE MONITORING CONSISTED OF GROUNDWATER GAUGING AND SAMPLING. WITH REGARD TO GROUNDWATER FLOW, THE REPORT STATES The average depth to groundwater at the Site was approximately 9.07 feet below the top of well casings on December 3, 2015, which is about 0.17 feet shallower than last quarter's event in August 2015 (see Table 1). The inferred groundwater flow at the Site was in a northwesterly direction. WITH REGARD TO LNAPL, THE REPORT STATES On December 3, 2015, SPH were detected in monitoring wells MW-4 (0.23 feet thick) and MW-18 (0.01 feet thick). WITH REGARD TO PRODUCT RECOVERY, THE REPORT STATES In April 2011, ExxonMobil retained GES to conduct SPH gauging and recovery at the Site. The recovered SPH is stored in a 30-gallon steel drum with secondary containment that is grounded and vented. To aid in SPH recovery, two HIT events have been conducted at this Site; the first in May 2011 and the second in January 2012. Between April 2011 and March 2012, a total of approximately 400 gallons of petroleum-impacted groundwater has been extracted for off-site disposal. On April 27, 2012, a passive hydro-skimmer bailer was installed in monitoring well MW-4 to aid in SPH recovery. Since April 2012, approximately 10 gallons of SPH have been collected and removed via hand bailing or using the hydro-skimmer bailer. The contents of the hydro-skimmer bailer are emptied into the on-site product storage drum during the quarterly groundwater sampling events. A replacement passive bailer was installed in monitoring well MW-4 on March 23, 2015. WITH REGARD TO THE GROUNDWATER SAMPLING, THE REPORT STATES On December 3, 2015, total NYSDEC Spill Technology and Remediation Series-listed Volatile Organic Compounds ranged from below laboratory detection limits at monitoring wells MW-2, MW-3, MW-6, MW-7, MW-9 and MW-21 to 28,444.2 micrograms per Liter (ug/L) at monitoring well MW-1. Methyl tertiary butyl ether (MTBE) was reported below detection limits at all wells except for concentrations detected in monitoring wells MW-22 (3.01 ug/L) and MW-23(2.93 ug/L), which are reported below the 10-?g/L MTBE regulatory limit. Monitoring wells MW-4 and MW-18 were not sampled due to the presence of measurable separate-phase hydrocarbons (SPH) detected on December 3, 2015. **THE PRESENCE OF LNAPL AND THE VOC CONCENTRATIONS IN GROUNDWATER APPEAR TO BE CONSISTENT WITH HISTORIC OBSERVATIONS.** THE REPORT INDICATES THAT ACTIVITIES SCHEDULED FOR FIRST QUARTER OF 2016 INCLUDE GROUNDWATER GAUGING AND SAMPLING, AND A VAPOR INTRUSION STUDY AT 175 STONEWOOD IF PROPERTY ACCESS IS OBTAINED.

5/12/16: SITE MONITORING REPORT FOR THE FIRST QUARTER OF 2016 RECEIVED FROM GES. SITE MONITORING WAS PERFORMED ON MARCH 30, 2016, AND CONSISTED OF GROUNDWATER GAUGING AND SAMPLING. WITH REGARD TO GROUNDWATER FLOW, THE REPORT STATES The average depth to groundwater at the Site was approximately 8.33 feet below the top of well casings on March 30, 2016, which is about 0.74 feet shallower than last quarter's event in December 2015 (see Table 1). The inferred groundwater flow at the Site was in a northwesterly direction. **WITH REGARD TO LNAPL, THE REPORT STATES On March 30, 2016, SPH were detected in monitoring well MW-4 at 0.35 feet thick.** WITH REGARD TO PRODUCT RECOVERY, THE REPORT STATES In April 2011, ExxonMobil retained GES to conduct SPH gauging and recovery at the Site. The recovered SPH is stored in a 30-gallon steel drum with secondary containment that is grounded and vented. To aid in SPH recovery, two HIT events have been conducted at this Site; the first in May 2011 and the second in January 2012. Between April 2011 and March 2012, a total of approximately 400 gallons of petroleum-impacted groundwater has been extracted for off-site disposal. On April 27, 2012, a passive hydro-skimmer bailer was installed in monitoring well MW-4 to aid in SPH recovery. Since April 2012, approximately 10 gallons of SPH have been collected and removed via hand bailing or using the hydro-skimmer bailer. The contents of the hydro-skimmer bailer are emptied into the on-site product storage drum during the quarterly groundwater sampling events. A replacement passive bailer was installed in monitoring well MW-4 on March 23, 2015. WITH REGARD TO THE GROUNDWATER SAMPLING, THE REPORT STATES On March 30, 2016, total NYSDEC Spill Technology and Remediation Series-listed Volatile Organic Compounds ranged from below laboratory detection limits at monitoring wells MW-2, MW-6, MW-7, MW-9, MW-10, MW-11, MW-15 and MW-21 to 28,603.91 micrograms per Liter at monitoring well MW-1. Methyl tertiary butyl ether was reported below detection limits at all monitoring wells sampled. Monitoring well MW-4 was not sampled due to the presence of measurable separate-phase hydrocarbons (SPH) detected on March 30, 2016. REVIEW OF THE GROUNDWATER SAMPLING DATA

INDICATES THAT BENZENE CONCENTRATIONS RANGE BETWEEN NON-DETECT AND 2,060 PPB. WELLS SAMPLED DURING THIS EVENT WITH BENZENE CONCENTRATIONS GREATER THAN 70 PPB CONSIST OF MW-1 (78.2 PPB), MW-8 (383 PPB), MW-13 (454 PPB), MW-14 (241 PPB), MW-16 (269 PPB), MW-17 (497 PPB), MW-18 (2,060 PPB), AND MW-20 (233 PPB). THE ELEVATED BENZENE CONCENTRATIONS APPEAR TO BE CLUSTERED IN SEVEN WELLS NEAR THE CENTER OF THE SITE (MW-1, 8, 16, 17, 18, 20 AND POSSIBLY MW-4 WHICH IS NOT SAMPLED DUE TO CONTAINING LNAPL) AND AT TWO ADJACENT WELLS (MW-13 AND MW-14) ON THE 175 STONEWOOD PROPERTY. THE TWO CLUSTERS ARE SEPERATED BY WELLS WITH LITTLE OR NO BENZENE (MW-2, 3, 10, 11, 15, AND 19). THE PRESENCE OF LNAPL AND THE VOC CONCENTRATIONS IN GROUNDWATER DURING THE MARCH 2016 EVENT APPEAR TO BE CONSISTENT WITH HISTORIC OBSERVATIONS. THE REPORT INDICATES THAT ACTIVITIES SCHEDULED FOR SECOND QUARTER OF 2016 INCLUDE GROUNDWATER GAUGING AND SAMPLING, AND A VAPOR INTRUSION STUDY AT 175 STONEWOOD IF PROPERTY ACCESS IS OBTAINED (THE PROPERTY IS CURRENTLY IN THE POSSESSION OF THE US MARSHALLS).

6/21/16: GY ONSITE WITH ROB SICKLER AND SAMPLING CREW FROM GES WHO ARE ONSITE TO SAMPLE THE MONITORING WELLS. SICKLER REPORTS THERE HAS BEEN NO CHANGE IN STATUS OF THE 175 STONEWOOD PROPERTY. SICKLER ALSO REPORTS THEY ARE PURSUING PROPERTY ACCESS TO ADVANCE BORINGS AT THE 20 STONEWOOD ROAD PROPERTY.

7/25/16: SECOND QUARTER 2016 SITE MONITORING REPORT RECEIVED FROM GES. GY RECEIVES AN EMAIL FROM ROB SICKLER OF GES INDICATING THEY HAVE OBTAINED PERMISSION TO EXPAND THEIR INVESTIGATION TO 20 STONE ROAD. THE INVESTIGATION WILL CONSIST OF GEOPHYSICS AND SOIL BORINGS.

7/26/16: GY REVIEW THE SECOND QUARTER 2016 SITE MONITORING REPORT. SITE MONITORING WAS PERFORMED ON JUNE 21, 2016, AND CONSISTED OF GROUNDWATER GAUGING AND SAMPLING. WITH REGARD TO GROUNDWATER FLOW, THE REPORT STATES The average depth to groundwater at the Site was approximately 9.42 feet below the top of well casings on June 21, 2016, which is about 1.09 feet deeper than last quarter's event in March 2016 (see Table 1). The inferred groundwater flow at the Site was in a northwesterly direction. WITH REGARD TO LNAPL, THE REPORT STATES On June 21, 2016, SPH were detected in monitoring well MW-4 at 0.08 feet thick. WITH REGARD TO PRODUCT RECOVERY, THE REPORT STATES In April 2011, ExxonMobil retained GES to conduct SPH gauging and recovery at the Site. The recovered SPH is stored in a 30-gallon steel drum with secondary containment that is grounded and vented. To aid in SPH recovery, two HIT events have been conducted at this Site; the first in May 2011 and the second in January 2012. Between April 2011 and March 2012, a total of approximately 400 gallons of petroleum-impacted groundwater has been extracted for off-site disposal. On April 27, 2012, a passive hydro-skimmer bailer was installed in monitoring well MW-4 to aid in SPH recovery. Since April 2012, approximately 10 gallons of SPH have been collected and removed via hand bailing or using the hydro-skimmer bailer. The contents of the hydro-skimmer bailer are emptied into the on-site product storage drum during the quarterly groundwater sampling events. A replacement passive bailer was installed in monitoring well MW-4 on March 23, 2015. WITH REGARD TO THE GROUNDWATER SAMPLING, THE REPORT STATES On June 21, 2016, total NYSDEC Spill Technology and Remediation Series-listed Volatile Organic Compounds ranged from below laboratory detection limits at monitoring wells MW-2, MW-3, MW-6, MW-7, MW-9, MW-10 and MW-21 to 26,132 micrograms per Liter at monitoring well MW-1. Methyl tertiary butyl ether was reported below detection limits at all monitoring wells sampled. Monitoring well MW-4 was not sampled due to the presence of measurable separate phase hydrocarbons (SPH) detected on June 21, 2016. REVIEW OF THE GROUNDWATER SAMPLING DATA INDICATES THAT BENZENE CONCENTRATIONS RANGE BETWEEN NON-DETECT AND 2,030 PPB. WELLS SAMPLED DURING THIS EVENT WITH BENZENE CONCENTRATIONS GREATER THAN 70 PPB CONSIST OF MW-5 (318 PPB), MW-8 (2,030 PPB), MW-13 (301 PPB), MW-14 (513 PPB), MW-16 (801 PPB), MW-17 (684 PPB), MW-18 (602 PPB), MW-20 (317 PPB), AND MW-22 (74.1 PPB). THE PRESENCE OF LNAPL AND THE VOC CONCENTRATIONS IN GROUNDWATER DURING THE JUNE 2016 EVENT APPEAR TO BE CONSISTENT WITH HISTORIC OBSERVATIONS. THE REPORT INDICATES THAT ACTIVITIES SCHEDULED FOR THE THIRD QUARTER OF 2016 INCLUDE GROUNDWATER GAUGING AND SAMPLING, AND A VAPOR INTRUSION STUDY AT 175 STONEWOOD IF PROPERTY ACCESS IS OBTAINED (THE PROPERTY IS CURRENTLY IN THE POSSESSION OF THE US MARSHALLS). AS NOTED ABOVE, GES IS ALSO PLANNING A GEOPHYSICAL INVESTIGATION AND SOIL BORINGS AT THE ADJACENT 20 STONEWOOD ROAD PROPERTY.

8/4/16: GY ONSITE WITH ROB SICKLER OF GES AND CREW FROM NAEVA GEOPHYSICS. THEY ARE ATTEMPTING TO LOCATE UTILITIES AND ANOMALIES ON THE 20 STONEWOOD PROPERTY, WHICH IS ALSO A FORMER GAS STATION AND SPILL SITE (SEE SPILL NO. 0651829). THE PLAN IS TO DRILL BORINGS ON THE 20 STONEWOOD PROPERTY IN SEPTEMBER IN AN ATTEMPT TO DELINEATE THE CONTAMINATION ASSOCIATED WITH THE SUBJECT

PROPERTY (40 STONE ROAD). A 2006 PHASE II AND 2007 SUBSURFACE INVESTIGATION CONDUCTED BY LABELLA FOR 20 STONEWOOD FOUND DEEP VOC IMPACTS IN SOIL AND GROUNDWATER AT THE SOUTHWEST PROPERTY BOUNDARY OF THE SITE (ADJACENT TO 40 STONE ROAD). THESE IMPACTS WERE ATTRIBUTED BY LABELLA TO THE 40 STONE ROAD PROPERTY. IN THE 2006 PHASE II, THERE WERE ALSO TWO BORING WITH SHALLOW IMPACTS NEAR THE FORMER DISPENSER ISLAND, BUT THE SAMPLES COLLECTED FROM THE BORINGS MET TAGM STANDARDS. THE SPILL AT 20 STONEWOOD WAS CLOSED ON MARCH 30, 2007.

8/5/16: GY ONSITE WITH ROB SICKLER OF GES AND CREW FROM CT MALE, WHO ARE SURVEYING THE 20 STONEWOOD PROPERTY TO TIE IN THE FINDINGS FROM YESTERDAY WITH THE CURRENT SITE MAPS. SICKLER REPORTS THAT NO INTERESTING ANOMOLIES WERE DISCOVERED DURING THE GEOPHYSICAL WORK. GY PROVIDES SICKLER WITH A HARDCOPY OF THE 2007 INVESTIGATION FROM LABELLA. IT APPEARS THAT TWO OF THE FOUR GROUNDWATER MONITORING WELLS INSTALLED DURING THAT INVESTIGATION ARE STILL PRESENT AT THE SITE.

9/12/16: EMAIL RECEIVED FROM ROB SICKLER OF GES INDICATING THEY WILL BE DRILLING AT 20 STONE ROAD AND 175 STONEWOOD STARTING ON SEPTEMBER 19.

9/19/16: GY ONSITE WITH SCOTT FROM GES AND CREW FROM PARROT WOLFE. GES WILL BE ADVANCING SEVERAL BORINGS AT 20 STONE ROAD AND 175 STONEWOOD THIS WEEK. TODAY THEY ARE WORKING ON HAND CLEARING SEVERAL OF THE BORINGS. THE DRILLING ACTIVITIES ARE SCHEDULED TO LAST THE ENTIRE WEEK.

9/20/16: GY ONSITE WITH ROB SICKLER AND SCOTT FROM GES, FOUR REPS FROM EXXONMOBILE, AND THE DRILLING CREW FROM PARROT WOLFE. SICKLER REPORTS ALL OF THE BORINGS WERE HAND CLEARED YESTERDAY. TODAY THEY HAVE STARTED ON A BORING ON THE 175 STONEWOOD PROPERTY. THE BORING IS OFF THE SOUTH EDGE OF THE ASPHALT DRIVEWAY ALONG THE WEST PROPERTY LINE. GROUNDWATER IS ENCOUNTERED AT ABOUT 8 FEET BGS. THERE IS NO EVIDENCE OF IMPACTS TO THE SOIL. SICKLER REPORTS A WELL WILL BE SET AT THIS LOCATION.

9/21/16: GY ONSITE WITH SCOTT FROM GES. HE REPORTS ALL THE BORINGS HAVE BEEN COMPLETED. THE ONLY EVIDENCE OF IMPACTS WERE SMALL SEAMS (6-INCHES) NEAR THE WATER TABLE IN TWO BORINGS AT THE NORTHWEST CORNER OF STONE ROAD THAT HAD PID READINGS IN THE 100-400 PPM RANGE. GES AND PARROT WOLFE ARE INSTALLING MONITORING WELLS IN MOST OF THE BORINGS.

11/9/16: REPORT FOR THE OFFSITE INVESTIGATION AND THIRD QUARTER SITE MONITORING RECEIVED FROM ROB SICKLER OF GES.

11/16/16: GY REVIEWS THE OFFSITE INVESTIGATION AND THIRD QUARTER SITE MONITORING REPORT. THE OFFSITE INVESTIGATION WAS CONDUCTED AT 175 STONEWOOD AVENUE AND 20 STONE ROAD. ONE MONITORING WELL (MW-25) WAS INSTALLED AT 175 STONEWOOD. FOUR BORINGS/MONITORING WELLS (SB-101/MW-26, SB-102/MW-27, SB-103/MW-28, AND SB-104-MW-29) WERE INSTALLED AT 20 STONE ROAD. WITH REGARD TO SOIL QUALITY IN THESE BORINGS, THE REPORT STATES: Soil analytical results for total NYSDEC STARS-listed VOC concentrations ranged from 10.51 micrograms per kilogram (?g/kg) in soil sample SB-103 (8-10 feet bgs) to 3,375.54 ?g/kg in soil sample SB-101 (12-14 feet bgs). Total NYSDEC STARS-listed SVOC concentrations were reported below the laboratory detection limits in all soil samples analyzed for SVOCs with the exception of total SVOC concentrations reported in soil samples SB-102 (11-11.5 feet bgs; 294.2 ?g/kg) and SB-103 (8-10 feet bgs; 155.6 ?g/kg). M,p-Xylenes was the only VOC constituent (606 ?g/Kg) detected in soil sample SB-101 (12-14 feet bgs) that exceeded the NYSDEC's October 2010 Final Commissioner Policy Number 51 Soil Cleanup Levels (CP-51 SCLs) for gasoline contaminated. All other VOC constituents and all SVOC constituents were reported below the CP-51 SCLs in the soil samples submitted for VOC and/or SVOC analyses. Soil analytical results are summarized in Table 2 and are graphically presented on Figure 3. Copies of the laboratory analytical reports are included in Appendix B. THE QUARTERLY GROUNDWATER GAUGING AND SAMPLING EVENT WAS CONDUCTED ON SEPTEMBER 27, 2016. ALL OF THE SITE MONITORING WELLS WERE SAMPLED EXCEPT FOR MW-4 (0.15 FEET OF PRODUCT), MW-8 (0.14 FEET OF PRODUCT; THIS IS THE FIRST TIME PRODUCT HAS BEEN DETECTED IN THIS WELL), AND MW-18 (0.21 FEET OF PRODUCT). GROUNDWATER FLOW IS TOWARD THE NORTHWEST. WITH REGARD TO GROUNDWATER QUALITY DURING THIS EVENT, THE REPORT STATES: Groundwater analytical results for total NYSDEC STARS-listed VOCs ranged from below laboratory detection limits in monitoring wells MW-2, MW-3, MW-6, MW-7, MW-9, MW-10, MW-21, MW-25, MW-28 and MW-29 to 22,412.53 micrograms per liter (?g/L) in monitoring well MW-1. VOC exceedences of NYSDEC's Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1) guidance values were

reported in monitoring wells MW-1, MW-5, MW-11, MW-12 through MW-17, MW-19, MW-20, MW-22 through MW-24 and MW-26. Methyl tertiary butyl ether (MTBE) was reported above laboratory detection limits in monitoring well MW-11 (1.84 µg/L), but not above the MTBE guidance value. Naphthalene (19.7 µg/L) was the only SVOC constituent detected in groundwater in new monitoring well MW-26, and exceeded its respective 10-µg/L TOGS 1.1.1 guidance value. A summary of the laboratory results for the September 2016 groundwater samples is included in Table 3, Table 4, Table 5, Table 5A and Table 5B and presented on Figure 4. Complete laboratory results are provided in Appendix B. GES ALSO REQUESTED TO DISCONTINUE QUARTERLY SAMPLING OF WELLS MW-2, MW-3, MW-5, MW-7, MW-9, AND MW-17. GY EMAILS ROB SICKLER, THE EMAIL STATES IN PART: I looked at the recent report.

Things don't look too bad to the north. The total VOCs in MW-24 are kind of high, but at least the benzene is low. What are your thoughts in this area?

What do you think about the area northwest of the MW-11/MW-20 area? Those wells have high benzene concentrations, and the groundwater flow, during this event at least, was strongly in that direction. It seems like that could potentially be delineated a little better.

With regard to dropping the wells from the sampling, what is the reasoning behind MW-5 and MW-17? The concentrations in MW-5 aren't all that bad, but I was wondering if you meant MW-6. The MW-17 concentrations are pretty high. I am not saying you can't drop those two, just let me know. I am okay with going to maybe annual sampling of any wells we end up dropping from the quarterly routine.

12/13/16: EMAIL RECEIVED FROM ROB SICKLER IN RESPONSE TO THE COMMENTS ABOVE, REFER TO THE EMAIL FOR DETAILS. THE EMAIL ALSO STATES THE NEXT QUARTERLY SAMPLING IS SCHEDULED FOR DECEMBER 19, 2016. SICKLER REQUESTS APPROVAL TO NOT SAMPLE WELLS MW-2, MW-3, MW-5, MW-7, MW-9, AND MW-17 PER THE THIRD QUARTER SITE MONITORING REPORT.

12/14/16: GY EMAILS APPROVAL TO SICKLER TO NOT SAMPLE THE THREE WELLS DURING THE NEXT SAMPLING EVENT.

1/30/17: FOURTH QUARTER 2016 SITE MONITORING REPORT RECEIVED FROM GES.

2/7/17: GY REVIEWS THE FOURTH QUARTER SITE MONITORING REPORT. GROUNDWATER GAUGING AND SAMPLING OCCURRED ON DECEMBER 19, 2016. GROUNDWATER FLOW WAS ROUGHLY TO THE NORTHWEST. LNAPL WAS PRESENT IN MW-4 (0.08 FEET THICK), MW-8 (0.09 FEET THICK), AND MW-18 (0.06 FEET THICK). TOTAL VOC CONCENTRATIONS APPEAR TO BE GENERALLY CONSISTENT WITH HISTORIC CONCENTRATIONS. THE REPORTS STATES THAT VAPOR INTRUSION SAMPLING IS STILL PENDING FOR 175 STONEWOOD (THE HOUSE WAS SEIZED BY THE US MARSHALLS IN NOVEMBER 2015 AND ACCESS HAS NOT BEEN GRANTED), AND THAT GES IS ATTEMPTING TO GET PROPERTY ACCESS AT 195 STONEWOOD TO FURTHER DELINEATE IN THAT AREA.