### MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard • Baltimore Maryland 21230-1719 1-800-633-6101• http://www.mde.state.md.us

> Drinking Water Well Impact Green Valley Garage 11602 Fingerboard Road, Monrovia Frederick County, Maryland Case No. 2000-1301 FR

The Maryland Department of the Environment (MDE) continues to evaluate the methyl tertiary-butyl ether (MTBE) contamination of drinking water supply wells near the gasoline retail service station located at 11602 Fingerboard Road (MD Route 80) in Frederick County. The Oil Control Program (OCP) has coordinated the investigation with the MDE's Water Management Administration and the Frederick County Health Department (FCHD).

Gasoline retail activities have been ongoing for over twenty years at the Green Valley Garage. This active gas station currently operates underground storage tanks (USTs) installed in October 1998. The two (2) 12,000-gallon gasoline tanks have Stage I and II vapor recovery systems. One of the tanks is compartmentalized to store 6,000 gallons of diesel. The UST systems are composite steel, fiberglass double walled tanks comprising double walled, flexible plastic piping with secondary containment. Currently seven (7) on-site monitoring wells and one (1) off-site well have been installed to monitor groundwater conditions. A granular activated carbon (GAC) treatment system is currently in place on the facility's non-community supply well. Bottled water is also supplied to the facility for consumptive use.

In January 2000, the MDE-OCP received a complaint from a neighboring resident of petroleum odor in their private drinking water well. Subsequent sampling of this well confirmed petroleum impacts. The MDE widened the sampling area in an effort to ascertain drinking water wells at risk. The Department considers Green Valley Garage the potential source of petroleum contamination impacting nearby private drinking water wells in the area.

Since February 2000, the MDE-OCP has sampled thirty-five (35) drinking water wells in the Monrovia community including three (3) non-community supply wells (i.e. Green Valley Garage supply well; Green Valley Elementary School; and a day-care facility called Children Center for Discovery). The only non-community supply well impacted is the Green Valley Garage well. Since 2000, bottled water has been used at the facility. In February 2007, a new on-site supply well was drilled upgradient from the old and new tank field areas. Unfortunately, when this new deep well was sampled, petroleum contaminants were also detected (MTBE at 376 ppb).

Historically MDE maintained GAC systems on five (5) homes. Due to petroleum concentrations decreasing below regulatory levels in two of these homes, the Department currently maintains GAC systems on three (3) homes at no cost to the residents,

■ GAC systems currently being maintained by MDE:

3936 Shakespeare Rd.
 MTBE up to 7200 ppb (action level 20 ppb); benzene up to 390 ppb (MCL at 5 ppb)
 4002 Tranquility Ct.
 4004 Tranquility Ct.
 MTBE up to 32ppb (action level 20 ppb)
 MTBE up to 100 ppb (action level 20 ppb)

■ GAC systems previously maintained by MDE. Future sampling to continue for these homes:

• 4006 Tranquility Ct. MTBE up to 57 ppb (action level 20 ppb);

Last sampling event 08/24/06 – non detect for MTBE

• 11508C Fingerboard Rd - MTBE up to 18 ppb (action level 20 ppb);

Last sampling event 08/24/06 – non detect for MTBE

Date: May 10, 2007 TTY Users: 800-201-7165 Page 1 of 19
Recycled Paper

- GAC system installed by Owner/Operator. Bottled water is currently being provided at this facility:
  - Green Valley Garage (11602 Fingerboard Rd) MTBE at 376 ppb (action level 20 ppb)

### **Site History:**

- August 5, 1996. MDE-OCP conducted a routine site inspection of the (3) 1000-gallon gasoline steel USTs at the facility. These first generation tanks were installed in October 1964. No monitoring pipes were present nor did the facility have a vapor recovery system. The operator notified the Department of plans to upgrade the facility.
- October 5, 1998. MDE-OCP oversaw the removal of three (3) 1000-gallon gasoline steel USTs at the facility. No perforations observed and field screening of soils did not detect any petroleum contamination. MDE-OCP opened and closed Case No. 1999-0857FR.
- January 24, 2000. MDE-OCP received report of petroleum odor in water at the Welch residence at 3936 Shakespeare Way. The problem became apparent to the homeowner in the summer of 1999.
- January 28, 2000. Drinking water sample collected from 3936 Shakespeare Way. MDE-OCP opened *Case No. 2000-1253FR* which was subsequently combined with *Case No. 2000-1301FR*.
  - DHMH result: MTBE 260 ppb, Benzene 153 ppb.
  - FrederickTowne Labs result: MTBE 380 ppb, Benzene 280 ppb.
- February 8, 2000. MDE conducted a routine site inspection which required the owner to sample the non-community supply well located near the tank field.
- February 9, 2000. MDE's contractor collected eleven (11) water samples from homes and elementary school. Three (3) additional wells reported contamination.
  - Green Valley Garage: MTBE 756 ppb, Benzene 672 ppb.
  - 11508C Fingerboard Road: MTBE 13 ppb.
     4002 Tranquility Ct.: MTBE 23 ppb.
- February 11, 2000. MDE installed a GAC system at 3936 Shakespeare Way. Seven (7) additional private drinking water wells sampled, of which two (2) showed positive results.
  - 4006 Tranquility Ct.: MTBE 21 ppb.
  - 4004 Tranquility Ct.: MTBE 4.8 ppb.
- February 16, 2000. MDE-OCP received a faxed copy of the tank insurance for the period 02/15/2000 to 02/15/2001.
- February 17, 2000. MDE-OCP site visit at 3936 Shakespeare Way.
- March 3, 2000. MDE issued a *Notice of Violation (NV-2000-079)* to Green Valley Garage based on the lack of tank insurance and the drinking water well contamination on neighboring private properties. MDE-OCP required the following;
  - Provide proof of financial responsibility for the UST system.
  - Install and sample three (3) monitoring wells.
  - Complete a hydrogeologic study to delineate the extent of the contamination.
- March 21, 2000. Memorandum to file. In a telephone conversation, MDE was informed that the owner/operator had been without tank insurance prior to February 2000.
- April 3, 2000. MDE-OCP site visit to Green Valley Garage delivered copy of private drinking water sampling results.
- April 12, 2000. MDE received notification letter dated 04/10/2000 from Green Valley Garage's attorney regarding their involvement in the case.
- May 5-8, 2000. MDE-OCP site visits to observe the installation of three (3) monitoring wells.

Date: May 10, 2007
TTY Users: 800-201-7165
Page 2 of 19
Recycled Paper

- May 17, 2000. MDE-OCP on-site to gauge the 3 monitoring wells.
  - MW1: Faint petroleum odor. Well depth 69.2 ft
  - MW2: Faint petroleum odor. Well depth 67.1 ft
  - MW3: Some petroleum odor. Well depth 72.6 ft.
- June 8, 2000. Groundwater sampling results for samples collected in May 23, 2000 sampling event.
  - No product in wells. (See table 1.)
- July 31, 2000. MDE-OCP issued an *Amended Notice of Violation NV-2000-079* to Green Valley Garage requiring the following corrective actions:
  - Immediately assume responsibility for maintenance and sampling of GAC systems at four residences.
    - 3936 Shakespeare Way
    - 4004 Tranquility Court
    - 4002 Tranquility Court
    - 4006 Tranquility Court
  - Immediately install a GAC unit on the on-site non-community supply well.
  - Submit a Corrective Action Plan within 60 days of receiving the NOV (circa October 5, 2000).
  - MDE will cost recover for monies expended to date on the installation of GAC units (>\$40,000 expended to date)
- August 7 & 10, 2000. MDE received a PIA request, via facsimile, from Green Valley Garage's consultant.
- August 23, 2000. MDE received letter from Green Valley Garage's attorney dated 08/22/2000 requesting a meeting.
- September 15, 2000. MDE received faxed line and tank test results from Green Valley Garage.
- October 17, 2000. MDE requests daily inventory records and line testing results for December 1, 1998 to present.
- October 25, 2000. Green Valley Garage's attorney provided an update on the reimbursement application. The *Corrective Action Plan* requested in the Department Notice of Violation is being finalized.
- November 1, 2000. MDE-OCP site visit obtained the following information.
  - The non-community supply well is not in service.
  - This drinking water well PW was drilled in 1997 to a depth of 400 ft.
  - A chemical toilet is presently in use on-site
  - PW opened Depth to water 72 ft. Evidence of tubing degradation. Strong petroleum odors. Varying degree of color discoloration on the sorbent pads placed in the well.
  - 1 1/2 inches of LPH. One quart of product recovered from the well.
  - Downhole camera used to examine casing and no obvious breaks identified.
  - Owner/operator reported that the well cap was found several days earlier when he arrived at the facility
  - MDE required daily bailing to remove any LPH and to advise MDE of any significant change.
- November 27, 2000. MDE-OCP site visit verified that no liquid phase hydrocarbon (free product) was present in the drinking water supply well.
- January 10, 2001. MDE received *Corrective Action Plan- December 14, 2000*.
  - Drill an additional monitoring well (MW4) in former UST pit to evaluate vertical migration.
  - Return supply well to limited service
  - Fingerprint bailed product. Sample & handbail supply well.
  - Excavate any contaminated soils encountered in the old tankfield area.
- January 12, 2001. MDE site status letter to resident at 3936 Shakespeare Way providing requested documents.
  - Green Valley Garage is the most likely source of petroleum contamination.
  - MDE has installed GAC systems on four off-site impacted wells.

 Date: May 10, 2007
 Page 3 of 19

 TTY Users: 800-201-7165
 Recycled Paper

- MDE has issued a Notice of Violation to Green Valley Garage the responsible party.
- January 25, 2001. MDE approved the *Corrective Action Plan* in response to the *NV 2000-079A* with modification that well be completed as proper monitoring well, not open borehole.
- February 12, 2001. MDE received copy of Petro Supply Report regarding the UST systems at Green Valley Garage.
  - Green Valley Garage passed precision tightness tests on 10/15/00.
- February 14, 2001. MDE letter required Green Valley Garage to include tertiary butyl alcohol (TBA) in future groundwater analyses.
- February 22, 2001. MDE letter to Senator Ferguson regarding the drinking water contamination at 3936 Shakespeare Way.
- March 6, 2001. MDE-OCP on-site to witness installation of additional monitoring well (MW-4).
- April 19, 2001. MDE site visit to follow-up on complaint that dispenser nozzle periodically shut-off. Owner/operator acknowledged some problems with the nozzle and that they were to be upgraded.
- April 26, 2001. Final Draft of Implementation of Corrective Action Plan Report. The report concluded:
  - Shallow groundwater flow is east north-easterly from the old tank field area towards the new tank field.
  - Deeper groundwater flow from the impacted non-community supply well is south-southwesterly
  - Soil and groundwater sampling limited to BTEX and MTBE. (See table 1.)
  - Finger print analyses of free product in the station supply well indicate a fresh source.
  - The second generation USTs unlikely to be the source of the release.
  - No free product in MW4 located in the old tankfield area nor in any of the other 3 monitoring wells (MW1 3).
  - No downward migration of free product was observed.
  - GAC system for the on-site supply well was taken out of service in February 2001.
  - Recommended that the casing of the drinking water well be scrubbed with a biodegradable surfactant
- May 29, 2001. MDE in a telephone conversation with the owner/operator gathered the following information;
  - The pump in the on-site community supply well was removed in February 2001.
  - No GAC in place on the on-site supply well. Water is brought to the facility in container for drinking water purposes.
- July 23, 2001. MDE received copy of downhole well camera video for the station's supply well.
- February 28, 2002. MDE notified Green Valley Garage of the results of its review of the evidence presented on the videotape.
  - At some time prior to November 1, 2000, a petroleum product was introduced into the drinking water well. The exact time of the incident cannot be established
  - Dissolved contamination may have migrated into fractures connecting in the well.
  - Based on the inconclusiveness of the information, NOV-2000-079A remains in effect.
- March 15, 2002. MDE letter to property owner regarding sample collected on 02/26/02.
- September 25, 2002. MDE received the results of off-site groundwater sampling completed in August 2002.
- October 17, 2002. MDE notified residents concerning private drinking water sampling results collected by MDE on 08/28 and 09/13/2002.
- February 27, March 10 & 14, 2003. MDE notified residents concerning private drinking water sampling results collected by MDE on 02/11–23 /03.

Page 4 of 19
Recycled Paper

- June 12, 13 & 26, 2003. MDE notified residents concerning private drinking water sampling results collected by MDE on 05/23/03 and 06/17/03.
- August 27, 2003. MDE notified residents concerning private drinking water sampling results collected by MDE on 08/15-22/03.
- September 5, October 6, November 5 & 7, December 9 & 10, 2003. MDE notified residents concerning private drinking water sampling results collected by MDE on 08/15-08/22/03, 09/25/03, 10/30/03 and 11/19/03.
- January 9 & 16, 2004. MDE notified residents concerning private drinking water sampling results collected by MDE on 12/30/03 and 01/16/04.
- September 9, 2004. MDE site visit to 3936 Shakespeare Rd. Four (4) carbon tanks in place, change-out was required by MDE's contractor.
- October 14, 2004. MDE-OCP conducted a compliance inspection at the facility. Several violations cited and
  - Immediately begin daily and monthly reconciliation records for the diesel and gasoline UST systems.
  - Pump out and remove the above-ground waste oil tank.
  - Pump out and remove the two above-ground petroleum tank
  - Monitor and test the gasoline and diesel USTs and submit proof of test results for Aug-October 2004.
  - Excavate oil contaminated gravel and soils from surface spillage area and properly dispose.
- December 13, 2004. MDE conducted a field reconnaissance of the area to determine the proximity of the Green Valley Garage facility to the Green Valley Shopping Center, which houses the Citgo station.
- April 1, 2005. MDE-OCP received a map from the WMA showing the location of public water systems in the Monrovia area.
- April 1, 2005. MDE-OCP reiterated that Green Valley Garage has not been ruled out as the responsible party. MDE did not concur with the conclusions of the *Corrective Action Plan Report- April 26, 2001*.
  - Irrespective of the presumption that gasoline was dumped in the potable well, as the owner/operator of the commercial property Green Valley Garage is responsible for securing all wells on-site.
  - Facility is in a high-risk groundwater use area with private wells. Therefore, Green Valley Garage must comply with the new emergency regulations which took effect 01/26/2005.
  - Other outstanding environmental issues to be addressed in a Work Plan.
    - Conduct quarterly gauging of the four (4) monitoring wells
    - Sample groundwater and soils for full suite VOCs and TPH-DRO, TPH-GRO.
  - Other UST compliance issues to be addressed based on the 10/14/2005 compliance assistance inspection.
    - Pump out and remove the used oil and two other ASTs.
    - Remove oil-contaminated gravel and soils resulting from surface spillages around these tanks.
    - Submit latest tightness testing results.
    - Submit monthly release detection records for December 2004 through February 2005.
    - Test spill containment sumps and basins.
    - Test all primary piping using helium pressure.
- May 9, 2005. MDE received letter from the consultant -05/05/2005 requesting an opportunity to review the case file to meet the Department's deadline.
- May 12, 2005. MDE notified residents concerning private drinking water sampling results collected by MDE on 04/26/05.
- May 31, 2005. MDE received a request from consultant, for Green Valley Garage, requesting an extension to submit a *Corrective Action Plan* as condition to receive reimbursement from the State's commercial cleanup fund.

- June 9, 2005. MDE notified residents concerning private drinking water sampling results collected by MDE on 05/16/05.
- June 29, 2005. MDE-OCP received *Updated Hydrogeologic Assessment and Work Plan- June 25, 2005.* 
  - May 10, 2005 Sampling event at Green Valley Garage. (See table 1.)
  - Bottled water is currently being provided to the facility.
  - No LPH detected in any of the wells.
  - Proposal to install 3 additional wells (MW5, MW6 and MW7).
  - Proposed to relocate the station's supply well northwest of the building improvements.
  - An 8-hour step-drawdown test recommended.
- July 1, 2005. MDE-OCP received June 30, 2005 letter from Green Valley Garage's attorney asserting that MDE has no factual basis for asserting that the facility is in violation of any regulations and laws.
  - The approved Work Plan requires significant expenditure and funding is limited.
  - Existing monitoring wells already satisfy the emergency regulations (note these monitoring wells are in the old tank field area). However Green Valley Garage fully intend to comply with the new emergency regulations.
  - If Green Valley Garage implements the *Work Plan* they would be doing so on a voluntary basis with no admission of actual or implied violations of the regulations/law.
  - Requested a meting a to discuss the current status of the case.
- July 12-14, 2005. MDE notified residents concerning private drinking water sampling results collected on 06/24/05.
- July 21, 2005. MDE-OCP received letter report dated 01/19/2005 in response to compliance issues at the site. The report included the last line and tank tightness testing results, daily inventory, and monthly release detection records for December 2004 through February 2005.
- August 10, 18 & September 19 2005. MDE notified residents concerning private drinking water sampling results collected by MDE on 07/16 &18/05 and 08/26/05.
- October 5, 2005. MDE internal memorandum outlining that the facility is in compliance based on the submittal on the UST and line precision test results; ATG electronic leak detection tests; and inventory records for the period December 2004 to February 2005.
- October 13 & November 10-14, 2005 MDE notified residents concerning private drinking water sampling results collected by MDE on 09/29/05 and 10/24-26/05.
- November 29, 2005. MDE-OCP approved the *Hydrogeologic Assessment and Work Plan– June 25, 2005*. The Department clarified the factual basis for asserting the Green Valley Garage is the responsible party. Approval granted contingent upon the following modifications;
  - Test the UST system for vapor leaks
  - Test all spill catchment basins and containment sumps.
  - Conduct a self-audit.
  - Conduct a receptor survey
  - Sample all on-site monitoring wells and tank field monitoring pipes.
  - Properly maintain a GAC system on the on-site non-community supply well.
- December 5, 2005. MDE received letter from property owner's attorney requesting a meeting to discuss the requirements of the *Hydrogeologic Assessment and Work Plan* approved by the Department.
- December 16, 2005 and January 10, 2006. MDE notified residents concerning private drinking water sampling results collected on 11/28/05 and 12/20/05.
- January 24, 2006. Meeting between MDE and representatives of Green Valley Garage to discuss future course of action and the Department's expectations.

- February 6, 2006. MDE received a letter from Green Valley Garage's attorney regarding the meeting held on 01/24/06. Property owner will:
  - Provide MDE with helium test results and analytical results for monitoring wells and the on-site potable well,
  - Convert existing potable well to a monitoring well and install a new potable well,
  - Install up to three additional groundwater monitoring wells, and
  - Implement approved Work Plan.
- March 6, 8, & 16, 2006. MDE notified residents of private drinking water sampling results collected in February 2006.
  - 11530 Fingerboard Road sampling terminated based on analytical results
- March 7, 2006. MDE letters to property owners regarding samples collected in February 2006:
  - MDE sampling terminated based on analytical results for 6 off-site properties
- March 28, 2006. MDE letter to property owner regarding samples collected in March 2006:
- May 8, 2006. MDE letter to property owner at 3936 Shakespeare Way regarding samples collected in April 2006:
- July 21, 2006. MDE letter to 7 off-site property owners regarding samples collected in June 2006:
- August 24-25, 2006. MDE personnel on-site to observe the installation of new potable well and additional ground water monitoring wells.
- October 6, 2006. MDE letter to property owners regarding samples collected in August 2006:
  - 3936 Shakespeare Way MDE delivery of bottled water terminated MDE sampling to continue
  - MDE sampling terminated based on analytical results for 7 off-site properties
- October 11, 2006. MDE notified residents regarding samples collected in August 2006:
  - 11508C Fingerboard Road MDE sampling and maintenance of GAC system terminated.
- November 14, 16, 17 & 29, 2006. MDE notified residents regarding samples collected in October 2006:
  - 3934 Shakespeare Way MDE sampling terminated based on analytical results
- November 29, 2006. MDE notified residents regarding samples collected in October 2006:
  - 4006 Tranquility Court MDE maintenance of GAC system terminated MDE sampling will continue.
- December 19, 2006. MDE received correspondence from property owner at 4006 Tranquility Court requesting removal of the GAC filtration system.
- January 9 and 22, 2007. MDE notified residents regarding samples collected in December 2006:
- January 18, 2007. MDE-OCP contacted the facility owner and requested the collection of groundwater samples from all monitoring wells and the supply well.
- February 28, 2007. MDE-OCP received groundwater sampling results for all monitoring wells and the supply well.
- March 21, 2007. MDE notified residents regarding samples collected in February 2007:
- May 7, 2007, MDE-OCP directive letter to Green Valley Garage based on the recent sampling data and requiring the following tasks to be completed.
  - Submit a *Corrective Action Plan* no later than July 30, 2007, to control, contain and mitigate the dissolved phase groundwater petroleum plume.
  - Install additional monitoring well clusters, on- site and off-site

Date: May 10, 2007
TTY Users: 800-201-7165
Page 7 of 19
Recycled Paper

- Conduct pilot test to evaluate the viability of a soil vapor extraction system
- Submit a proposal for pilot tests to determine the feasibility of groundwater extraction as remedial option.
- Conduct geophysical studies and evaluate subsurface flow regimes
- Evaluate all remedial options, especially groundwater extraction and treatment
- Continue to conduct quarterly sampling of all existing monitoring wells, monitoring pipes and drinking water wells on-site.
- As previously directed in the Department's 11/29/05 letter
  - Conduct helium tests on the gasoline UST system
  - Test all spill catchment basins and containment sumps.
  - Perform a self-audit of the UST systems

### **Future Updates:**

Future updates on this case investigation will be posted at <a href="www.mde.state.md.us">www.mde.state.md.us</a> [at the MDE home page, (select) Land, (select) Program, (select) Oil Control, (select) Remediation Sites].

### **Contacts**:

Maryland Department of the Environment Oil Control Program
 Frederick County Health Department
 301-600-1715

### Other related cases:

■ Case No. 1999-0857FR (closed); 2000-1253FR (3936 Shakespeare Way)

### Disclaimer

The intent of this fact sheet is to provide the reader a summary of site events as they are contained within documents available to MDE. To fully understand the site and surrounding environmental conditions, MDE recommends that the reader review the case file that is available at MDE through the Public Information Act. The inclusion of a person or company's name within this fact sheet is for informational purposes only and should not be considered a conclusion by MDE on guilt, involvement in a wrongful act or contribution to environmental damage.

Date: May 10, 2007 TTY Users: 800-201-7165 Page 8 of 19
Recycled Paper

Table 1. Monitoring Well Network at Green Valley Garage

	1	<u> </u>	Detroloum constituents of concern						
			Petroleum constituents of concern						
Well Information	Sampling events	Depth to groundwater	Benzene MCL at 5 ppb	<b>Toluene</b> MCL at 1000 ppb	Ethylbenzene MCL at 700 ppb	<b>Xylene</b> MCL at 10,000 ppb	MTBE Action level at 20 ppb	TPH-GRO	Other Petroleum Constituents Tertiary butyl alcohol (TBA) is an unregulated comp Tertiary amyl methyl ether (TAME) is an unregulated comp Di-isopropyl ether (DIPE) is an unregulated comp
Formerly MW-1	5/23/00	69.2	ND	ND	ND	ND	2920	ND	
70 ft, 4 in. diameter On-site well	5/10/05		190		ND		65,000		TBA-43,000 TAME-14,000
Installed 5/5/00, redesignated <b>MW-5</b>	2/6/07	57.69	119	ND	ND		36,160		TBA-9280, DIPE-67.6, TAME-12,000
Formerly MW-2	5/23/00	67.1	246				772	1210	
67 ft, 4 in. diameter	5/10/05			-					-
On-site well Installed 5/8/00, redesignated <b>MW-6</b>	2/6/07	55.64	11.9	ND	ND	ND	6440		TBA – 362; DIPE - 12.17; TAME - 1364
Formerly MW-3	5/23/00	72.6	1290				1820	4750	
73 ft, 4 in. diameter	5/10/05		37	ND	ND		5000		TBA - 3100, TAME - 1200(e)
Off-site well Installed 5/9/00, on south side of MD-80, redesignated <b>MW-7</b>	2/6/07	54.72	ND	ND	ND	ND	82.6		TAME-13.3
MW-1 84 ft, 4 in diameter On-site well Installed 8/25/06	2/6/07	70.84	ND	ND	ND	ND	106		ND
<b>MW-2</b> 84 ft, 4" diameter On-site well Installed 8/25/06	2/6/07	69.76	ND	ND	ND	ND	ND		ND
MW-3 104 ft, 4 in. diameter On-site well Installed 8/25/06	2/6/07	69.97	ND	ND	ND	ND	ND		ND
MW-4	3/6/01	72.6	ND	1200	7100	31,000	1300	1,600,000	
82 ft, 4 in diameter	5/10/05		270				8500		TBA - 5500; TAME - 1900
on-site monitoring well installed 3/6/01	2/6/07	62.69	154	ND	ND		12,560		TBA - 524; DIPE - 42.2; TAME - 2640

Table 2: Drinking Water Sampling Results in the Monrovia Area

GAC Systems			Petroleum Constituents of Concern			
✓ MDE installed	Sample location	Sample	Benzene	MTBE		
V WDL mstaneu	Sample location	date	MCL at 5 ppb	Action level at 20 ppb	Other petroleum constituents	
Green Valley Garage		02/09/00	672	756	ND	
11602 Fingerboard Rd		03/01/00	1330	1190	ND	
11002 i ingolocara ita		04/03/00	1100	1210	ND	
Bottled water supplied to		05/04/00	774	1790	ND	
the facility by the		06/15/00	1270	1800	ND	
operator		07/20/00	1070	1650	ND	
·	Former domestic	09/12/00	1160	1890	DIPE-16, TAME-530	
	supply well	08/28/02	ND	31	TBA-111	
	117	02/11/03	ND	160	TBA-310(e)	
		05/23/03	ND	900	TBA-1300	
		08/15/03	ND	1600	TBA-2100, TAME-13	
		11/19/03	ND	950	TBA-590, TAME-17	
		5/10/05	200	10,000	TBA-6900, TAME-2300 (e)	
		05/16/05	216	8300	TBA-5100, DIPE-36, TAME-1800	
		10/24/05	ND	2300	ND	
		02/15/06	ND	510	TBA-42, TAME-23	
		06/29/06	ND	13000 (e)	TBA-9200 (e), TAME-120 (e)	
		10/19/06	ND	390	DIPE-4 (e), TAME-58	
		02/06/07	346	12,760	TBA-1275, DIPE-55.9, TAME-2840	
	Newly drilled deep well	02/06/07	ND	376	DIPE-5.12, TAME-42.8	
Cleary/Welch Property		01/28/00	260	380	ND	
3936 Shakespeare Way		02/09/00	130	191	ND	
	(pre-filter)		186	254	ND	
<b>✓</b>	(midfilter)	02/15/00	ND	ND	ND	
GAC system installed	(postfilter)		ND	ND	ND	
and maintained by MDE-	(pre-filter)		180	254	ND	
OCP	(midfilter)	03/01/00	ND	ND	ND	
	(postfilter)		ND	ND	ND	
		04/04/00	348	507	ND	
		05/08/00	455	1040	ND	
		06/15/00	114	1350	ND	
		07/27/00	339	1090	ND	
		09/12/00	ND	894	TAME-289	
		11/08/00	81	750	TAME-173	
		01/12/01	249	755	ND	
		03/30/01	ND	580	DIPE-5, TAME-200	
(samples probably	(pre-filter)		ND	ND	ND	
mislabeled)	(mid-filter )	08/28/02	ND	ND	ND	
	(post-filter)		8	1100	TBA-800, DIPE-7, TAME-410	
(resampling post-filter)		09/16/02	ND	ND	ND	
	(pre-filter)		ND	5800	DIPE-38, TAME-2000	
	(mid-filter)	02/11/03	ND	320	TAME-25	
	(post-filter)		ND	ND	ND	
	(pre-filter)		390	7500	TBA-8400, DIPE-26, TAME-1800	
	(Mid-filter)	05/22/03	ND	2900	TBA-3300	
	(post-filter)		ND	35	TBA-32	
	(pre-filter)	_	60	7200	TBA-9600, DIPE-25, TAME-17(e)	
	(midfilter)	08/15/03	ND	ND	ND	
	(post-filter)		ND	ND	ND	
	(pre-filter)	_	120	6900	TBA-11000, DIPE-21	
	(Midfilter)	09/25/03	ND	110	TBA-95	
	(post-filter)		ND	8	TBA-7	
	(pre-filter)		62	5200	TBA-4100, DIPE-19, TAME-990	
	(midfilter)	10/22/03	ND	ND	ND	
	(post-filter)		ND	ND	ND	
	(pre-filter)		65	5500	TBA-3000, DIPE-16, TAME-1400	
	(Midfilter )	11/19/03	ND	120	TBA-80	
	(post-filter)	1	ND	ND	TBA-8	

				Petrole	eum Constituents of Concern	
GAC Systems		Commis	MTRE			
✓ MDE installed	Sample location	Sample date	Benzene	Action	Other restrictions are different.	
◆ Private Maintenance		date	MCL at 5	level at	Other petroleum constituents	
			ppb	20 ppb		
Cleary / Welch Property	(pre-filter)		20.6	4538.2	TBA-2526.6, DIPE-13, TAME-1115	
(cont.)	(Midfilter)	12/03/03	ND	ND	ND	
3936 Shakespeare Way	(post-filter)		ND	ND	ND	
	(pre-filter)		80	6000	TBA-3400(e) DIPE-17, TAME-1500	
	(Midfilter)	01/16/04	ND	40.4	TBA-45.3, TAME-60	
	(post-filter)		ND	ND	TBA-9.6	
	(pre-filter)		7	2600	TBA-1500(e), DIPE-10, TAME-530	
	(Midfilter 1)	04/16/05	ND	360	TBA-260, DIPE-60	
	(Midfilter-2)		ND	ND	ND	
	(post-filter)		ND	ND	ND	
	(pre-filter)		24	2900	TBA-2200(e), DIPE-12, TAME-790	
	(Midfilter 1)	05/16/05	ND	520	TBA-390, DIPE-100	
	(Midfilter 2)		ND	0.6	TBA-7	
	(post-filter)		ND	ND	ND	
	(pre-filter)		25	3200	TBA-1700(e), DIPE-11, TAME-800	
	(Midfilter 1)	06/24/05	ND	200	TBA-120, TAME-34	
	(Midfilter 2)		ND	0.5	ND	
	(post-filter)		ND	2	ND	
	(pre-filter)		23	3900	TBA-3500(e), DIPE_22, TAME-870	
	(Midfilter 1)	07/18/05	ND	450	TBA-340, TAME-55	
	(Midfilter 2)		ND	9	ND ND	
	(post-filter)		ND	0.5	ND	
	(pre-filter)		5	2700	TBA-1100, TAME-610	
	(Midfilter 1)	09/29/05	ND	130	TBA-67	
	(Midfilter 2)		ND	7	ND ND	
	(post-filter)		ND	0.5 3000	ND TAME 570	
	(pre-filter)	40/04/05	ND		TAME-570	
	(Midfilter 1)	10/24/05	ND	110	TAME-15	
	(Midfilter 2) (post-filter)	_	ND ND	ND ND	ND ND	
	- U /		4	2100		
	(pre-filter) (Midfilter 1)	12/20/05	ND	120	DIPE-6, TAME-390 TBA-9, TAME-21	
	(Midfilter 2)	12/20/05	ND	ND	ND	
	(post-filter)		ND	ND	ND ND	
	(pre-filter)		ND	110	ND	
	(mid-filter)	02/15/06	ND	ND	ND ND	
	(post-filter)	02/13/00	ND	ND	ND	
	(post-inter)	-	3 (e)	2500	TBA-570, DIPE-6(e), TAME-520	
	(pre-filter)		ND	120	TBA-74, TAME-17(e)	
	(mid-filter)	04/19/06	ND	ND	ND	
	(post-filter)	- 5-, 15,00	ND	ND	ND ND	
	(pre-stripper)	-	ND	3100	TBA-1200, TAME-680, Naphthalene-32(e)	
	(pre-filter)		ND	120	TBA-84, TAME-18(e)	
	(mid-filter)	06/29/06	ND	ND	ND	
	(post-filter)	- 35,25,55	ND	ND	ND ND	
	(pre-stripper)		2 (e)	1700	TBA-1300 (e), TAME-370(e)	
	(pre-filter)		ND	1700	TAME-30	
MDE - OCP letter to	(mid-filter)	08/24/06	ND	ND	ND	
homeowner dated	(post-filter)	7 55,2 1,55	ND	ND	ND	
10/06/06 terminating	(pre-stripper)	1	ND	1600(e)	TBA-160, TAME-420 (e)	
bottled water delivery.	(pre-filter)		ND	170	TAME-27, TBA-7	
	(mid-filter)	12/22/06	ND	ND	ND	
	(post-filter)	1,, 55	ND	ND	ND	
	(pre-stripper)		1.0	4400	TBA-29, TAME-460, DIPE-8	
	1 2 2 2 2 7 7	1	1		,	

Date: May 10, 2007

TTY Users: 800-201-7165

GAC Systems	DDINKING WATER WELLS SAMPLED	MTBE	Other Between Constituents
✓ MDE installed	DRINKING WATER WELLS SAMPLED	Action level at 20 ppb	Other Petroleum Constituents
Green Valley Elementary	02/09/00 -DW1	ND	
School	02/09/00 – DW2	ND	
	03/01/00 (? DW1 or DW2)	ND	
	04/03/00 (? DW1 or DW2)	ND	
	02/11/00	ND	
11508A Fingerboard Rd	03/01/00	ND	
MDE CODIcularia	04/03/00	ND	
MDE - OCP letter to	05/04/00	ND	
homeowner dated 03/07/06 terminating	06/15/00	ND	
future sampling events.	08/28/02	ND	
luture sampling events.	02/11/03	ND	
	10/30/03	ND	
	08/17/05	ND	
	02/15/06	ND	
	02/11/00	ND	
11508B Fingerboard Rd.	03/01/00	ND	
	04/03/00	ND	
MDE - OCP letter to	05/04/00	ND	
homeowner dated	06/15/00	ND	
03/07/06 terminating	08/28/02	ND	
future sampling events.	02/11/03	ND	
	06/17/03	ND	
	10/22/03	ND	
	08/17/05	ND	
	02/15/06	ND	
Wilcom Property-11508C	02/09/00	13	
Fingerboard Rd	02/17/00	13 (pre-filter)	
		ND (Post-filter)	
	03/01/00	27 (pre-filter)	
	04/03/00	20	
	06/15/00	39	
	07/20/00	11	
	09/12/00	15	
	11/08/00	14	
. /	01/12/01	6.5	
V	03/29/01	18	
GAC system was installed		4(pre-filter)	
and maintained by MDE-	08/30/02	6 (Mid-filter)	
OCP		ND (Post-filter)	
◆ Private Maintenance		32(pre-filter)	TAME at 6j
now	02/11/03	10 (Mid-filter)	
		ND (Post-filter)	
		8 (pre-filter)	
	05/23/03	15 (Mid-filter)	
		ND (Post-filter)	
	06/17/03	ND	
		16 (pre-filter)	TBA at 8 ppb
	08/22/03	ND (Mid-filter)	
		ND (Post-filter)	
		10 (pre-filter)	TBA at 5 ppb
	11/19/03	ND (Mid-filter)	
		ND (Post-filter)	

GAC Systems		MTBE	
✓ MDE installed	DRINKING WATER WELLS SAMPLED	Action level at	Other Petroleum Constituents
		20 ppb	
Wilcom Property-		ND (pre-filter)	
11508C Fingerboard Rd	05/16/05	2 (Mid-filter)	
(cont.)		3.1 (Post-filter)	
		ND (pre-filter)	
MDE - OCP letter to	10/24/05	1 (Mid-filter)	
homeowner dated		3 (Post-filter)	
10/11/06 terminating		ND (pre-filter)	
future sampling events	03/06/06	0.8 (mid-filter)	
and GAC maintenance.		2 (post-filter)	
		ND (pre-filter)	
	08/24/06	0.7 (pre-filter)	
		2 (post-filter)	
	02/11/00	ND	
11526 Fingerboard Rd.	03/01/00	ND	
	08/28/02	ND	
MDE - OCP letter to	02/11/03	ND	
homeowner dated	06/17/03	ND	
03/07/06 terminating	10/22/03	ND	
future sampling events.	08/17/05	ND	
	02/15/06	ND	
	02/11/00	ND	
11529 Fingerboard Rd.	03/01/00	ND	
	04/03/00	ND	
MDE - OCP letter to	05/04/00	ND	
homeowner dated	06/15/00	ND	
03/07/06 terminating	08/28/02	ND	
future sampling events.	02/11/03	ND	
	06/17/03	ND	
	10/22/03	ND	
	08/17/05	ND	
	02/15/06	ND	
	02/11/00	ND	
11530 Fingerboard Rd.	03/01/00	ND	
3	04/03/00	ND	
MDE - OCP letter to	05/04/00	ND	
homeowner dated	06/15/00	ND	
03/08/06 terminating	08/28/02	ND	
future sampling events.	02/11/03	ND	
	06/17/03	ND	
	10/22/03	ND	
	08/17/05	ND	
	03/08/06	ND	
	08/28/02	ND	
11532 Fingerboard Rd.	02/11/03	ND	
	06/17/03	ND	
MDE - OCP letter to	10/22/03	ND	
homeowner dated	08/17/05	ND	
10/06/2006 terminating	10/24/05	ND	
future sampling events.	02/15/06	ND	
	08/24/06	ND	
	00,2 .700	1	1

GAC Systems  ✓ MDE installed	DRINKING WATER WELLS	MTBE Action level at 20	Other Petroleum Constituents
	SAMPLED	ppb	
Children Center for	08/28/02	ND	
Discovery at 3917	02/11/03	ND	
Chaucer Court	06/17/03	ND	
MDE - OCP letter to	10/30/03	ND	
homeowner dated			
03/07/06 terminating	03/07/06	ND	
future sampling events.	00/04/00	NB	
0004 01	03/01/00	ND	
3921 Chaucer Court	04/04/00	ND	
MDE - OCP letter to	05/04/00	ND	
homeowner dated	06/15/00	ND	
	07/20/00	ND	
10/06/2006 terminating	09/12/00	ND	
future sampling events.	11/08/00	ND	
	01/12/01	ND	
	03/29/01	ND	
	05/25/01	ND	
	07/11/01	ND	
	10/26/01	ND	
	02/26/02	ND	
	05/29/02	ND	
	08/28/02	ND	
	11/20/02	ND	
	02/11/03	ND	
	06/17/03	ND	
	10/22/03	ND	
	02/18/04	1.1	
	06/24/04	1.3	
	10/27/04	1.0	
	02/10/05	0.9	
	06/24/05	0.5	
	10/24/05	ND	
	02/15/06		
		ND	
	08/24/06	ND	
	02/16/07	ND	
2012 01	02/22/00	ND	
3940 Chaucer Ct	03/01/00	ND	
	04/03/00	ND	
	08/28/02	1(e)	
	02/11/03	ND	
	05/23/03	ND	
	08/15/03	0.7	
	11/19/03	ND	
	05/16/05	ND	
	08/17/05	0.8	
	11/28/05	ND	
	02/15/06	ND	
	06/29/06	ND	
	10/19/06	0.7	DIPE at 1 ppb (e)
	02/09/00	ND	\( \bar{\alpha} \)
3930 Shakespeare Way	03/01/00	ND	
2000 Chancopoulo Way	04/03/00	ND	
MDE - OCP letter to	05/04/00	ND	
homeowner dated	06/15/00	ND ND	
03/07/06 terminating	08/28/02	ND ND	
future sampling events.	00/20/02		
c camping overtor	02/11/03	ND	
	06/17/03	ND	
	10/22/03	ND	
	06/24/05	ND	
	10/26/05	ND	
	02/15/06	ND	

GAC Systems  ✓ MDE installed	DRINKING WATER WELLS SAMPLED	MTBE Action level at 20 ppb	Other Petroleum Constituents
	02/09/00	ND	
3934 Shakespeare Way	03/01/00	2.4	
(cont.)	04/03/00	ND	
	05/04/00	ND	
	06/15/00	ND	
MDE - OCP letter to	08/28/02	ND	
homeowner dated	02/11/03	ND	
11/16/06 terminating	05/23/03	ND	
future sampling events.	08/22/03	ND	
	11/19/03	ND	
	05/16/05	ND	
	06/29/06	ND	
	10/19/06	ND	
	02/11/00	ND	
4000 Tranquility Court	04/05/00	ND	
	05/15/00	ND	
	06/15/00	ND	
	08/28/02	ND	
	02/11/03	ND	
	05/23/03	ND	
	08/15/03	5	
	05/16/05	0.9	
	08/17/05	0.9	
	12/29/06	0.7	
4001 Tranquility Ct			
	02/09/00	ND	
	03/01/00	ND	
	04/03/00	ND	
	05/04/00	ND	
	06/15/00	ND	
	08/28/02	ND	
	02/21/03	ND	
	06/18/03	ND	
	10/22/03	ND	
	08/17/05	ND	
	02/21/06	ND	
	12/22/06	ND	
	02/09/00	23	
4002 Tranquility Ct.	02/17/00	25	
	20/04/20	31	
	03/01/00	ND (Mid-filter)	
		ND (Post-filter)	
<b>V</b>	0.1/00/00	32	
GAC system installed	04/03/00	ND (Mid-filter)	
and maintained by MDE-		ND (Post-filter)	
OCP OCP	07/27/00	15	
-	09/12/00	13	
	11/08/00	4.1	
	01/16/01	20	
	03/30/01	6.1	
	00/44/00	10 (pre-filter)	
	02/11/03	ND (Mid-filter)	
		ND (Post-filter)	
	07/00/00	ND (pre-filter)	
	05/23/03	ND (Mid-filter)	
		ND (Post-filter)	

Table 2 (c	Table 2 (continued): Drinking Water Sampling Results in the Monrovia Area					
GAC Systems  ✓ MDE installed	DRINKING WATER WELLS SAMPLED	MTBE Action level at 20 ppb	Other Petroleum Constituents			
	11/19/03	2 (pre-filter)				
		0.9 (Mid-filter)				
4002 Tranquility Ct.		ND (Post-filter)				
	05/40/05	6 (pre-filter)				
	05/16/05	5.5 (Mid-filter)				
		ND (Post-filter) 2J (pre-filter)				
	08/17/05	6 (Mid-filter)				
	00/17/03	ND (Post-filter)				
		8 (pre-filter)				
(cont.)	11/28/05	16 (Mid-filter)				
		ND (Post-filter)				
GAC system installed		12 (pre-filter)				
and maintained by MDE-	02/28/06	7.8 (mid-filter)				
OCP		0.5 (post-filter)				
		12 (pre-filter)				
	06/29/06	13 (mid-filter)	TBA at 11 ppb			
		2 (post-filter)				
	40/40/06	1(e) (pre-filter)				
	10/19/06	ND ND				
4004 Tranquility Ct	02/11/00	4.8				
4004 Tranquility Ct	02/17/00	4.4				
	02/22/00	11				
	03/01/00	6				
	04/03/00	22				
	05/15/00	22				
	06/20/00	14				
	07/20/00	9.7				
	09/12/00	7.3				
✓	11/08/00	3.8				
GAC system installed	01/12/01	3.4				
and maintained by MDE-	03/29/01	ND				
OCP		2e (pre-filter)				
	08/28/02	ND (Mid-filter)				
		ND (Post-filter)				
	00/44/00	100 (pre-filter)	TAME at 28 ppb			
	02/11/03	ND (Mid-filter)				
		ND (Post-filter) 98 (pre-filter)	TPA et 61 pph			
	05/23/03	ND (Mid-filter)	TBA at 61 ppb			
	03/23/03	ND (Post-filter)				
		5 (pre-filter)				
	08/15/03	2 (Mid-filter)				
		ND (Post-filter)				
		5 (pre-filter)				
	11/19/03	1 (Mid-filter)				
		3 (Post-filter)				
		7 (pre-filter)				
	05/16/05	0.6 (Mid-filter)				
		0.9 (Post-filter)				
	00/47/05	ND (pre-filter)				
	08/17/05	ND (Mid-filter)				
		ND (Post-filter)				
	11/28/05	13 (pre-filter) 0.6 (Midfilter)				
	11/20/03	ND (post-filter)	+			
		ND (pre-filter)	+			
	02/15/06	ND (pre-filter)				
	32, 13, 33	0.6 (post-filter)				
	06/29/06	26 (pre-filter)				
		ND				
	10/25/06	ND				
		ND				
	!	_1				

GAC Systems  ✓ MDE installed	DRINKING WATER WELLS SAMPLED	MTBE Action level at 20	Other Petroleum Constituents
	02/22/00	ppb ND	
4005 Tranquility Court	03/01/00	ND	
4000 Tranquinty Court	04/03/00	ND	
	05/08/00	ND	
MDE - OCP letter to	06/15/00	ND	
homeowner dated	08/28/02	ND	
10/06/2006 terminating	02/11/03	ND	
future sampling events.	08/15/03	ND	
	08/17/05	ND	
	02/15/06	ND	
	08/24/06	ND	
	02/11/00	8.1	
4006 Tranquility Court	02/11/00	21	
		21 & 28 (pre-filter)	
	02/17 - 03/08/00	ND (Mid-filter)	
_		ND (Post-filter)	
$\checkmark$		43 (pre-filter)	
•	04/04/00	ND (Mid-filter)	
GAC system was		ND (Post-filter)	
installed and maintained	06/20/00	43 (pre-filter)	
by MDE-OCP	07/20/00	57	
	09/12/00	ND	
	11/08/00	ND	
	01/12/01	ND	
	03/29/01	ND (III)	
	08/28/02	ND (pre-filter)	
		ND (Mid-filter)	
		ND (Post-filter)	
	2011112	6 (pre-filter)	
	02/11/03	ND (Mid-filter) ND (Post-filter)	
		ND (pre-filter)	
	05/23/03	ND (Mid-filter)	
	05/23/03	ND (Post-filter)	
		0.7 (pre-filter)	
	08/15/03	3 (Mid-filter)	
	00/13/03	ND (Post-filter)	
		0.7 (pre-filter)	
	11/19/03	3 (Mid-filter)	
	,	3 (Post-filter)	
		ND (pre-filter)	
	05/16/05	2.1 (Mid-filter)	
		1.8 (Post-filter)	
MDE CODI "		ND (pre-filter)	
MDE - OCP letter to	10/26/05	1 (Mid-filter)	
homeowner dated 11/29/06 requesting to		3 (Post-filter)	
remove GAC removal		5(e) pre-filter	
system. Future sampling	02/15/06	5 (mid-filter)	
to continue.		3 (post-filter)	
		12 (pre-filter)	
	06/29/06	5 (mid-filter)	
		3 (post-filter)	
		ND (pre-filter)	
	10/25/06	ND (mid-filter)	
		ND (post-filter)	

GAC Systems  ✓ MDE installed	DRINKING WATER WELLS SAMPLED	MTBE Action level at 20 ppb	Other Petroleum Constituents
	02/22/05	ND	
4007 Tranquility Court	03/01/00	ND	
(cont)	04/03/00	ND	
	05/04/00	ND	
	06/15/00	ND	
	08/28/02	ND	
MDE - OCP letter to	02/11/03	ND	
homeowner dated	06/18/03	ND	
10/06/2006 terminating	10/22/03	0.6	
future sampling events.	06/24/05	0.5	
	10/24/05	ND	
	02/15/06	ND	
	08/24/06	ND	
	02/22/00	ND	
4008 Tranquility Court	03/01/00	2.7	
	04/03/00	3.4	
	05/08/00	3.3	
	06/15/00	2.1	
	07/20/00	ND	
	09/12/00	ND	
MDE - OCP letter to	11/08/00	ND	
homeowner dated	01/12/01	ND	
10/06/2006 terminating	03/29/01	ND	
future sampling events.	08/28/02	1e	
	02/11/03	ND	
	05/23/03	0.6	
	08/15/03	0.6	
	11/19/03	ND	
	05/16/05	ND	
	10/24/05	ND	
	02/15/06	ND	
	08/24/06	ND	
	02/22/00	ND	
4009 Tranquility Court	04/03/00	ND	
4009 Tranquility Court	05/08/00	ND	
	06/15/00	ND	
	08/28/02	ND	
MDE - OCP letter to	02/11/03	ND	
homeowner dated	06/18/03	ND	
10/06/2006 terminating	10/22/03	0.9	
future sampling events.	06/24/05	0.5	
	02/15/06	ND	
	08/24/06	ND C.O.	
4010 Tranquility Court	02/22/00	6.8	
4010 Tranquility Court	03/01/00	10	
	04/03/00	6.1	
	05/08/00	8.6	
MDE - OCP letter to	06/15/00	8	
homeowner dated	07/20/00	9.7	
10/06/2006 terminating	09/12/00	5.9	
future sampling events.	11/08/00	ND	
ratare sampling events.	01/12/01	ND	
	03/29/01	ND	
	08/28/02	ND	
	02/25/03	ND	
	05/23/03	ND	
	08/15/03	2	
	11/19//03	ND	
	05/16/05	0.7	
	10/26/05	ND	
	02/28/06	ND	
	08/24/06	ND	

GAC Systems  ✓ MDE installed	DRINKING WATER WELLS SAMPLED	MTBE	Other Petroleum Constituents
4011 Tranquility Court	03/01/00	ND	
	04/04/00	ND	
	05/08/00	ND	
	06/15/00	ND	
	08/28/02	ND	
	02/11/03	ND	
	06/18/03	ND	
	10/30/03	ND	
	08/26/05	ND	
	02/21/06	ND	
4013Tranquility Court	02/22/00	ND	
	04/03/00	ND	
	05/08/00	ND	
	06/15/00	ND	
	08/28/02	ND	
	02/11/03	ND	
	08/22/03	ND	
4014 Tranquility Court	03/01/00	ND	
	04/03/00	ND	
	05/08/00	ND	
	06/15/00	ND	
	08/28/02	ND	
	02/11/03	ND	
	08/22/03	ND	
4015 Tranquility Court	03/01/00	ND	
	04/03/00	ND	
	05/08/00	ND	
	06/15/00	ND	
	08/28/02	ND	
	02/11/03	ND	
	08/22/03	ND	
4016 Tranquility Court	03/01/00	ND	
	04/03/00	ND	
	05/08/00	ND	
	06/15/00	ND	
	08/28/02	ND	
	02/11/03	ND	
	08/22/03	ND	
4017 Tranquility Ct	03/07/00	ND	
	04/04/00	ND	
4018 Tranquility Ct	03/07/00	ND	
<u> </u>	04/04/00	ND	
4019 Tranquility Ct	03/07/00	ND	
	04/04/00	ND	