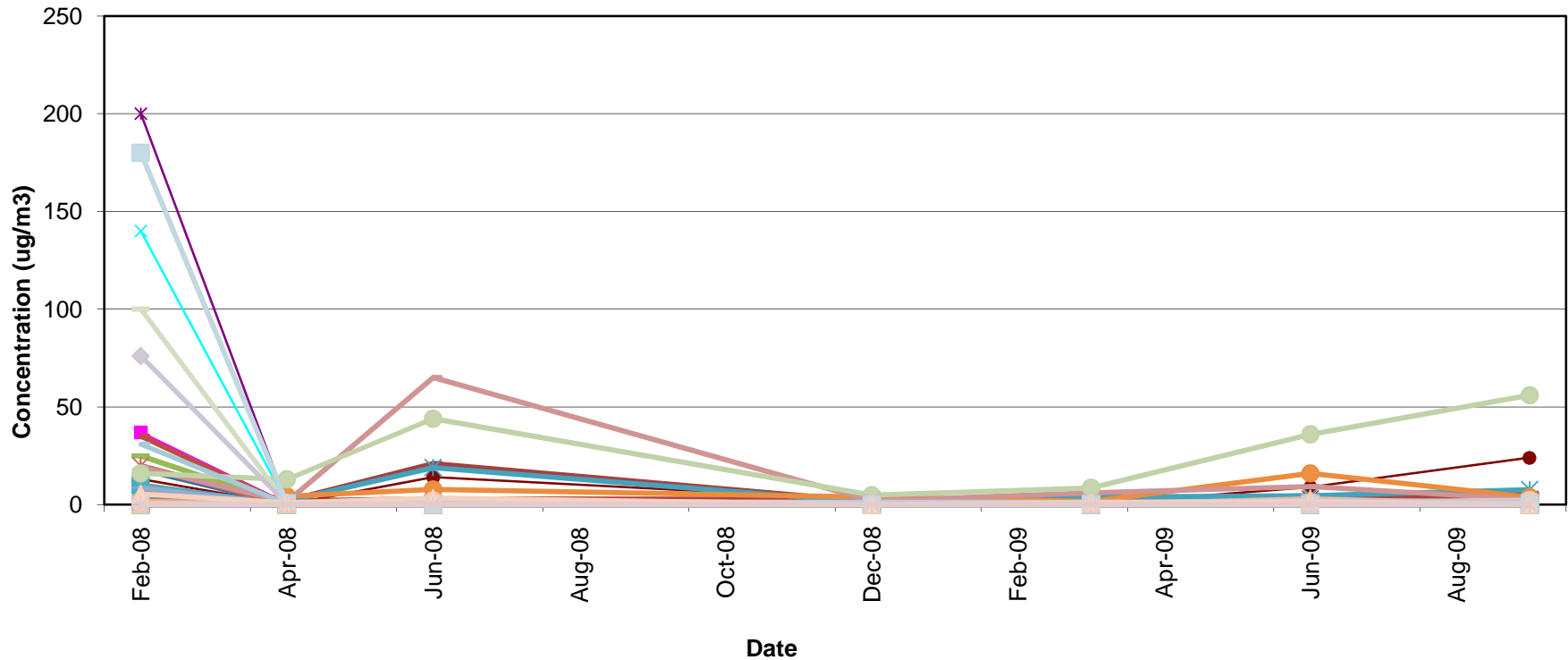
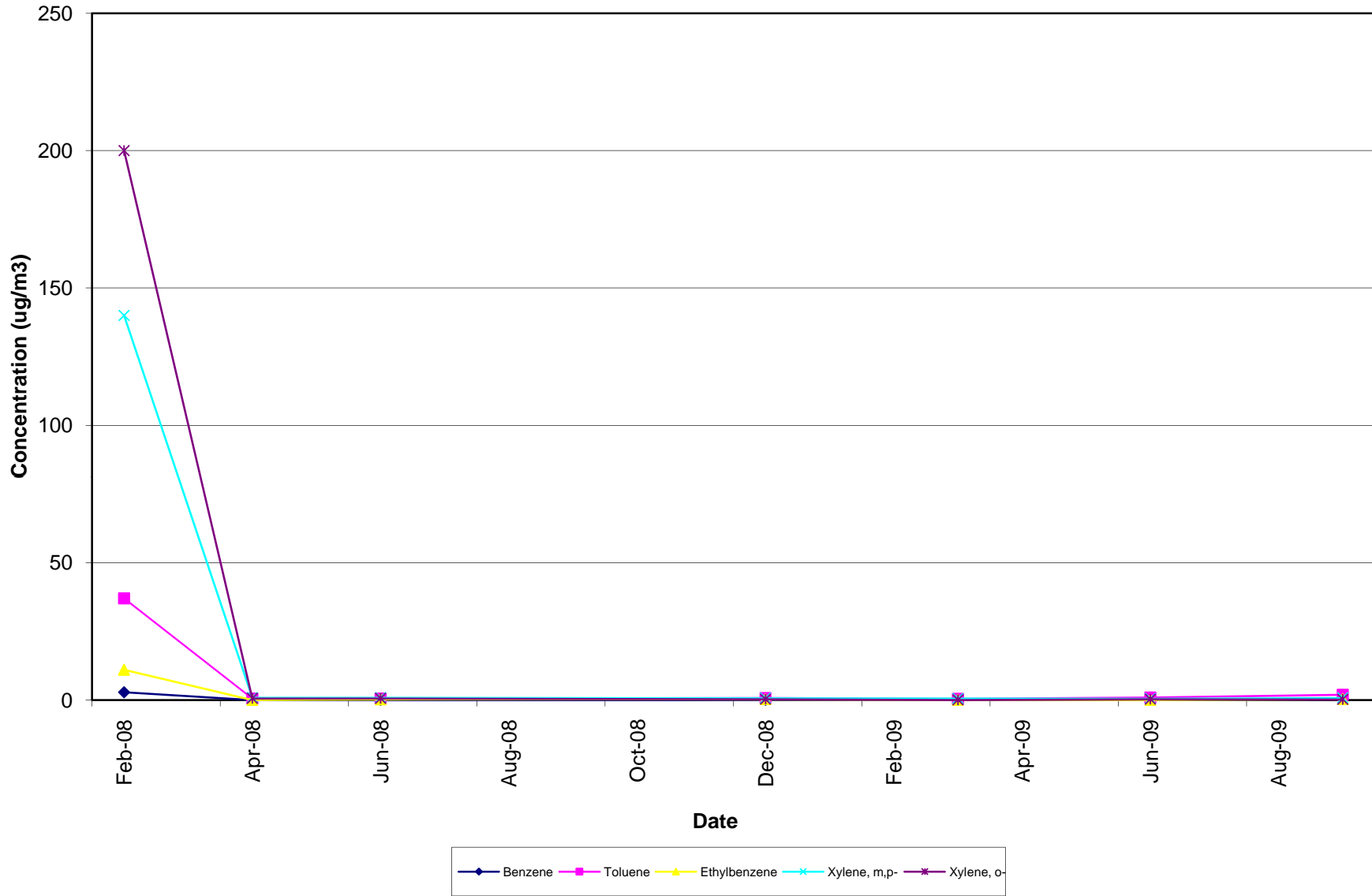


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.1  
Bay Shore/Brightwaters Former MGP Site  
**OU1SG-06**

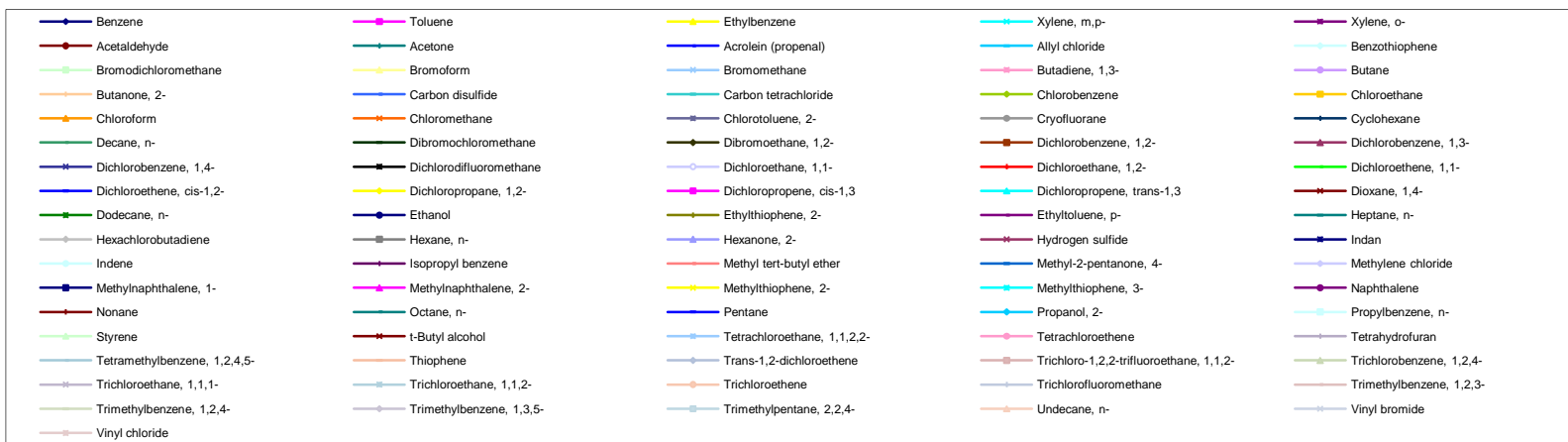
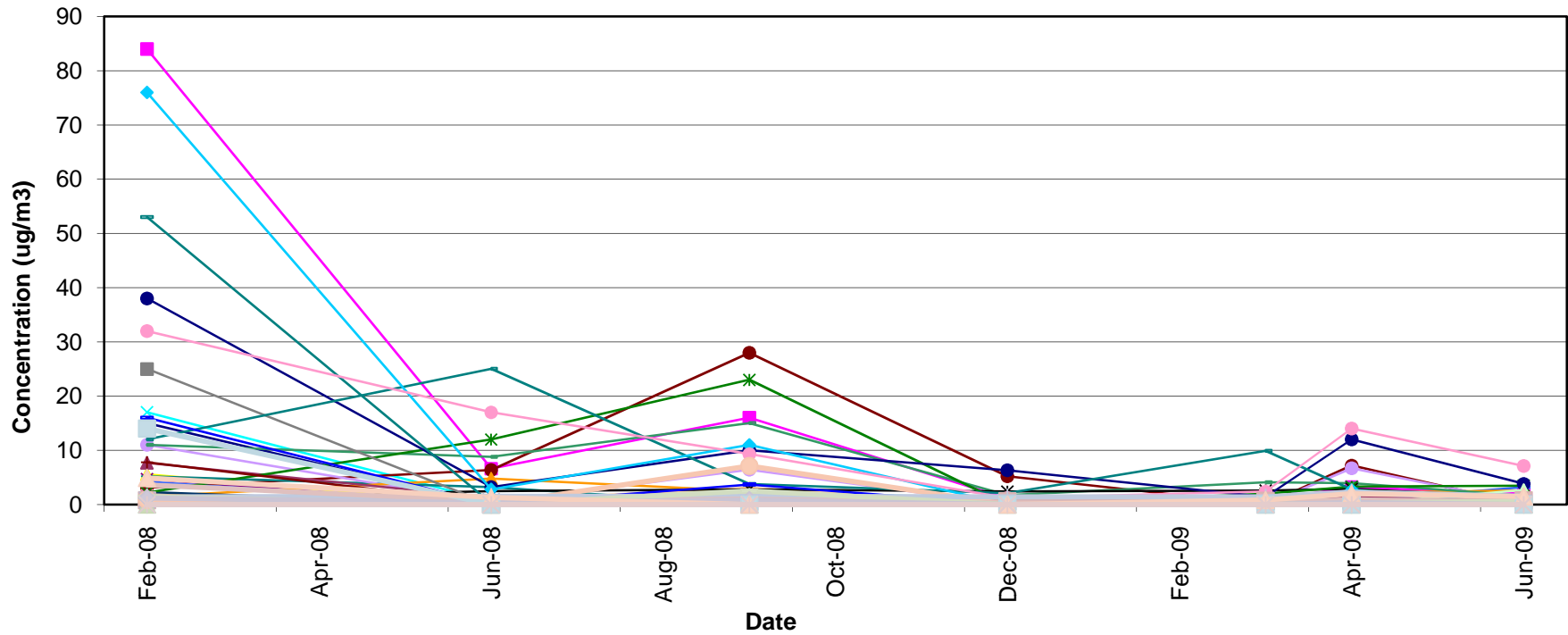


◆ Benzene	◆ Toluene	◆ Ethylbenzene	◆ Xylene, m,p-	◆ Xylene, o-	◆ Acetaldehyde
◆ Acetone	◆ Acrolein (propenal)	◆ Allyl chloride	◆ Benzothiophene	◆ Bromodichloromethane	◆ Bromoform
◆ Bromomethane	◆ Butadiene, 1,3-	◆ Butane	◆ Butanone, 2-	◆ Carbon disulfide	◆ Carbon tetrachloride
◆ Chlorobenzene	◆ Chloroethane	◆ Chloroform	◆ Chloromethane	◆ Chlorotoluene, 2-	◆ Cryofluorane
◆ Cyclohexane	◆ Decane, n-	◆ Dibromochloromethane	◆ Dibromoethane, 1,2-	◆ Dichlorobenzene, 1,2-	◆ Dichlorobenzene, 1,3-
◆ Dichlorobenzene, 1,4-	◆ Dichlorodifluoromethane	◆ Dichloroethane, 1,1-	◆ Dichloroethane, 1,2-	◆ Dichloroethene, 1,1-	◆ Dichloroethene, cis-1,2-
◆ Dichloropropane, 1,2-	◆ Dichloropropene, cis-1,3	◆ Dichloropropene, trans-1,3	◆ Dioxane, 1,4-	◆ Dodecane, n-	◆ Ethanol
◆ Ethylthiophene, 2-	◆ Ethyltoluene, p-	◆ Heptane, n-	◆ Hexachlorobutadiene	◆ Hexane, n-	◆ Hexanone, 2-
◆ Hydrogen sulfide	◆ Indan	◆ Indene	◆ Isopropyl benzene	◆ Methyl tert-butyl ether	◆ Methyl-2-pentanone, 4-
◆ Methylene chloride	◆ Methylnaphthalene, 1-	◆ Methylnaphthalene, 2-	◆ Methylthiophene, 2-	◆ Methylthiophene, 3-	◆ Naphthalene
◆ Nonane	◆ Octane, n-	◆ Pentane	◆ Propanol, 2-	◆ Propylbenzene, n-	◆ Styrene
◆ t-Butyl alcohol	◆ Tetrachloroethane, 1,1,2,2-	◆ Tetrachloroethene	◆ Tetrahydrofuran	◆ Tetramethylbenzene, 1,2,4,5-	◆ Thiophene
◆ Trans-1,2-dichloroethene	◆ Trichloro-1,2,2-trifluoroethane, 1,1,2-	◆ Trichlorobenzene, 1,2,4-	◆ Trichloroethane, 1,1,1-	◆ Trichloroethane, 1,1,2-	◆ Trichloroethene
◆ Trichlorofluoromethane	◆ Trimethylbenzene, 1,2,3-	◆ Trimethylbenzene, 1,2,4-	◆ Trimethylbenzene, 1,3,5-	◆ Trimethylpentane, 2,2,4-	◆ Undecane, n-
◆ Vinyl bromide	◆ Vinyl chloride				

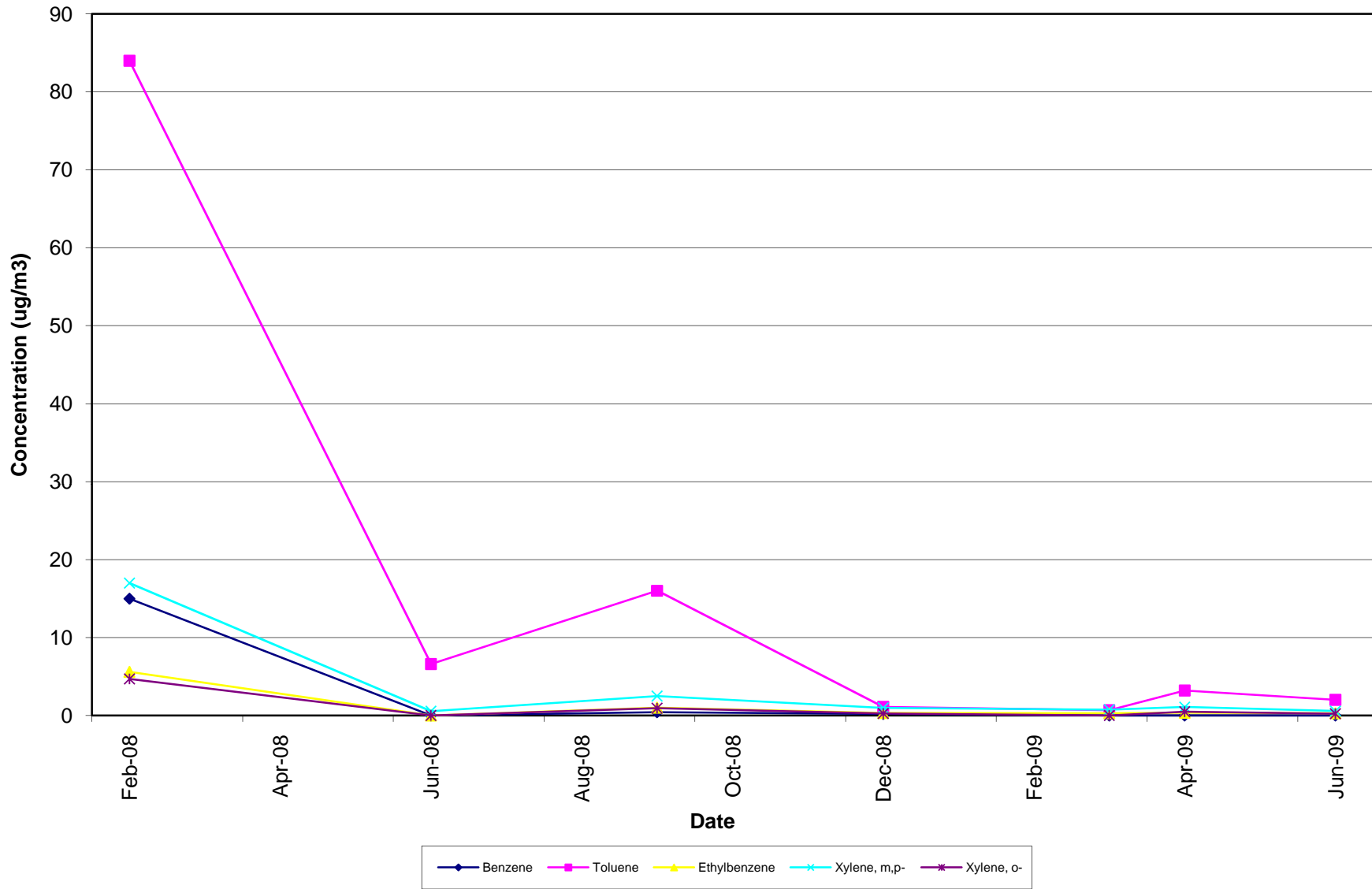
Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.1  
Bay Shore/Brightwaters Former MGP Site  
**OU1SG06 BTEX**



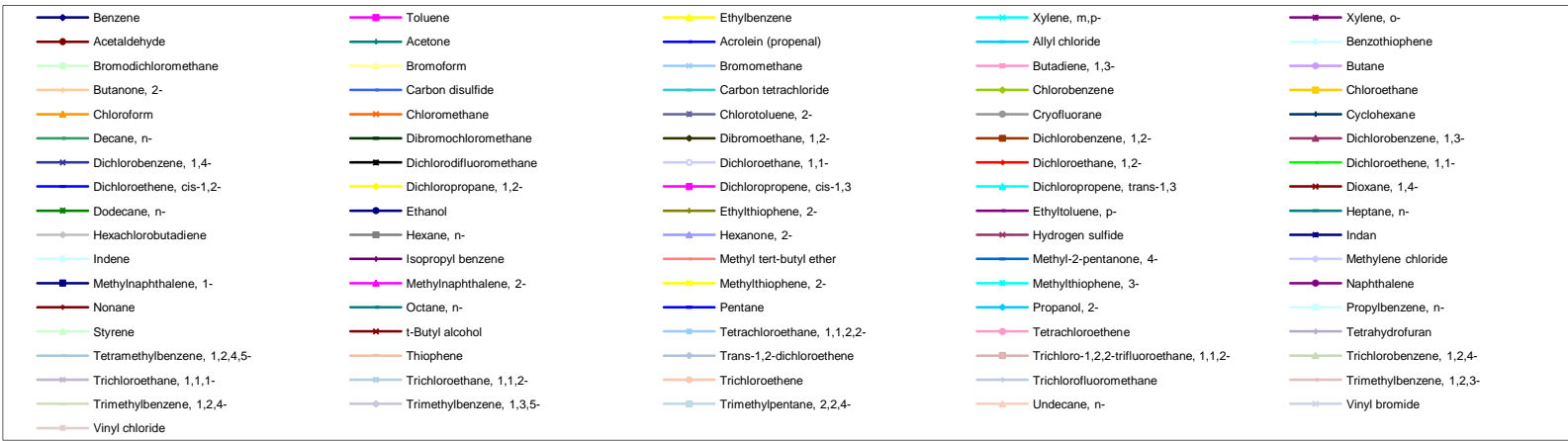
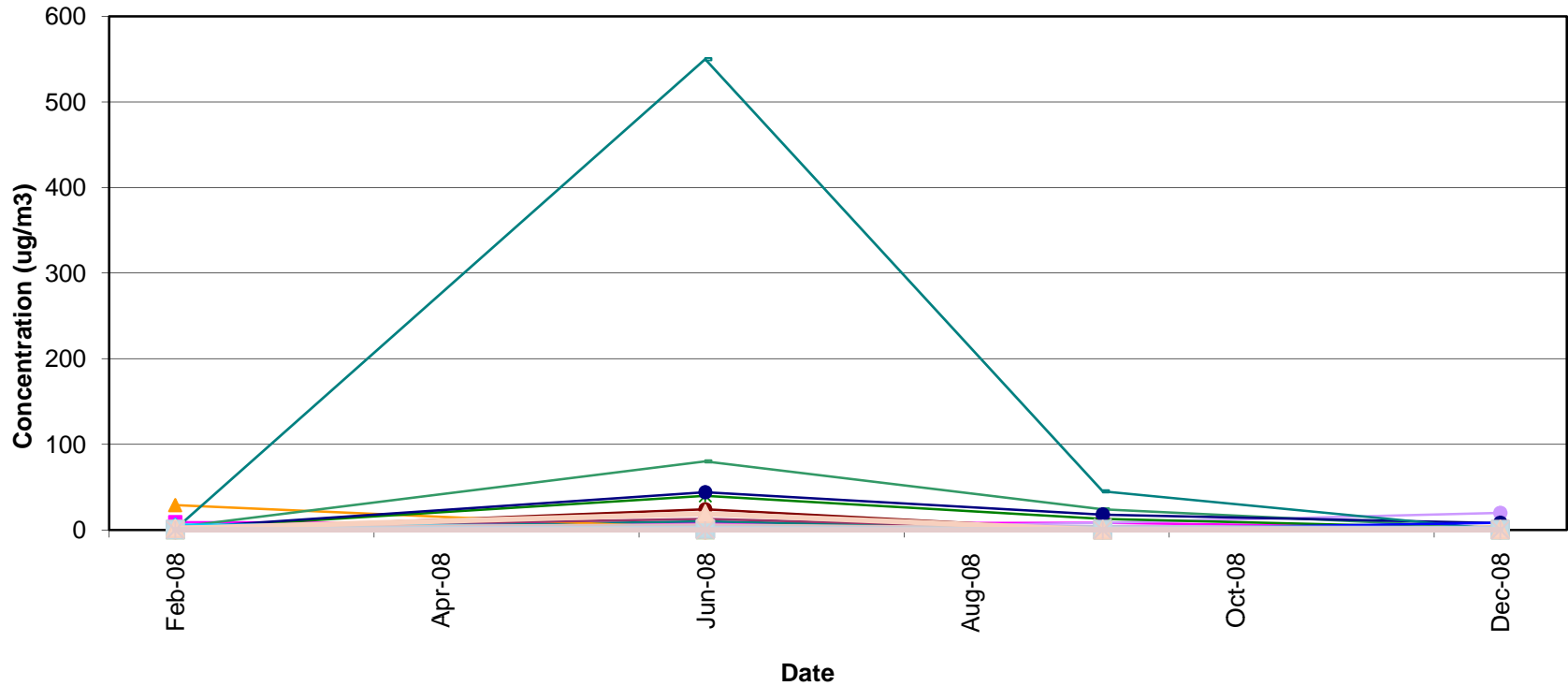
Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.1  
Bay Shore/Brightwaters Former MGP Site  
**OU1SG07**



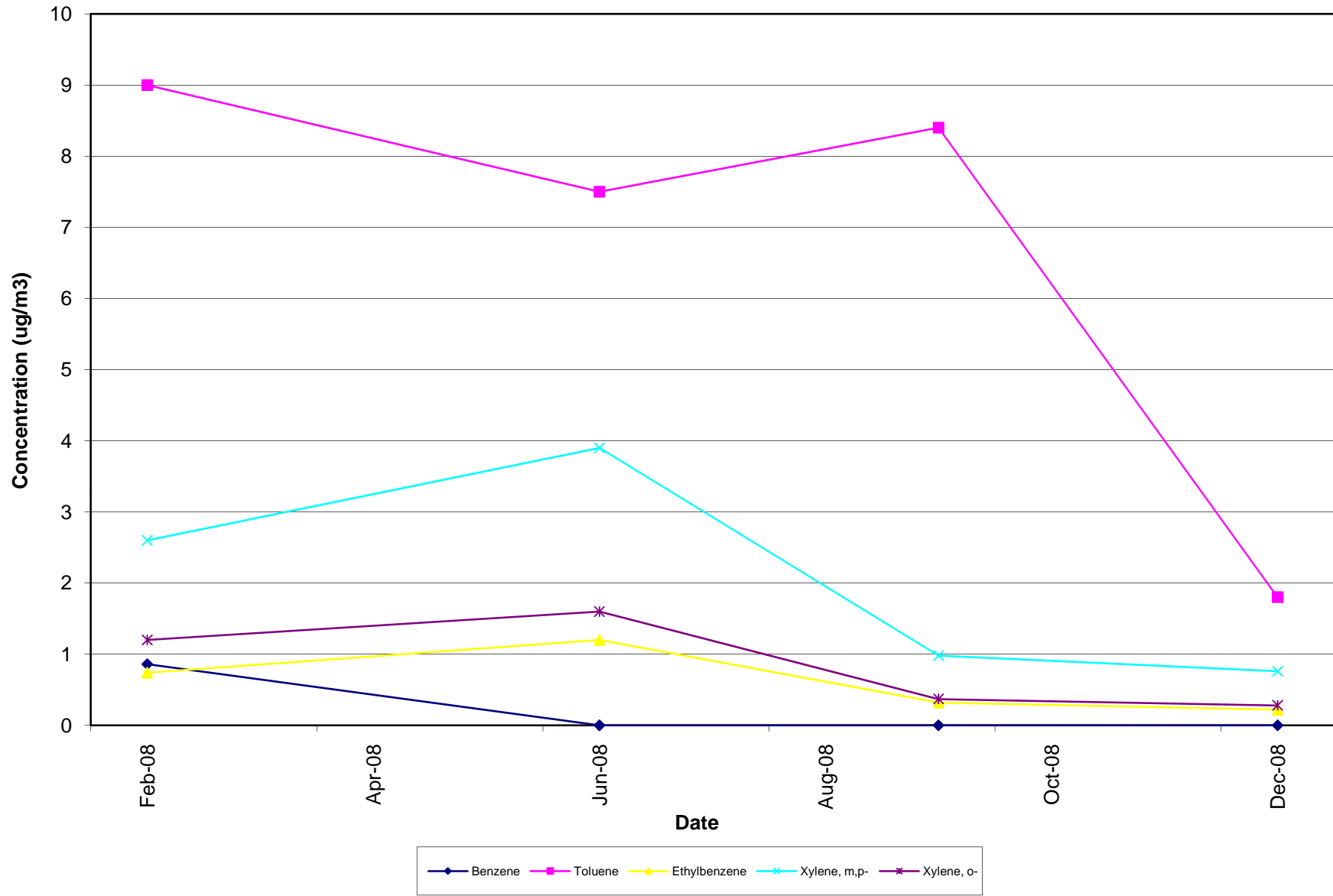
Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.1  
Bay Shore/Brightwaters Former MGP Site  
**OU1SG07 BTEX**



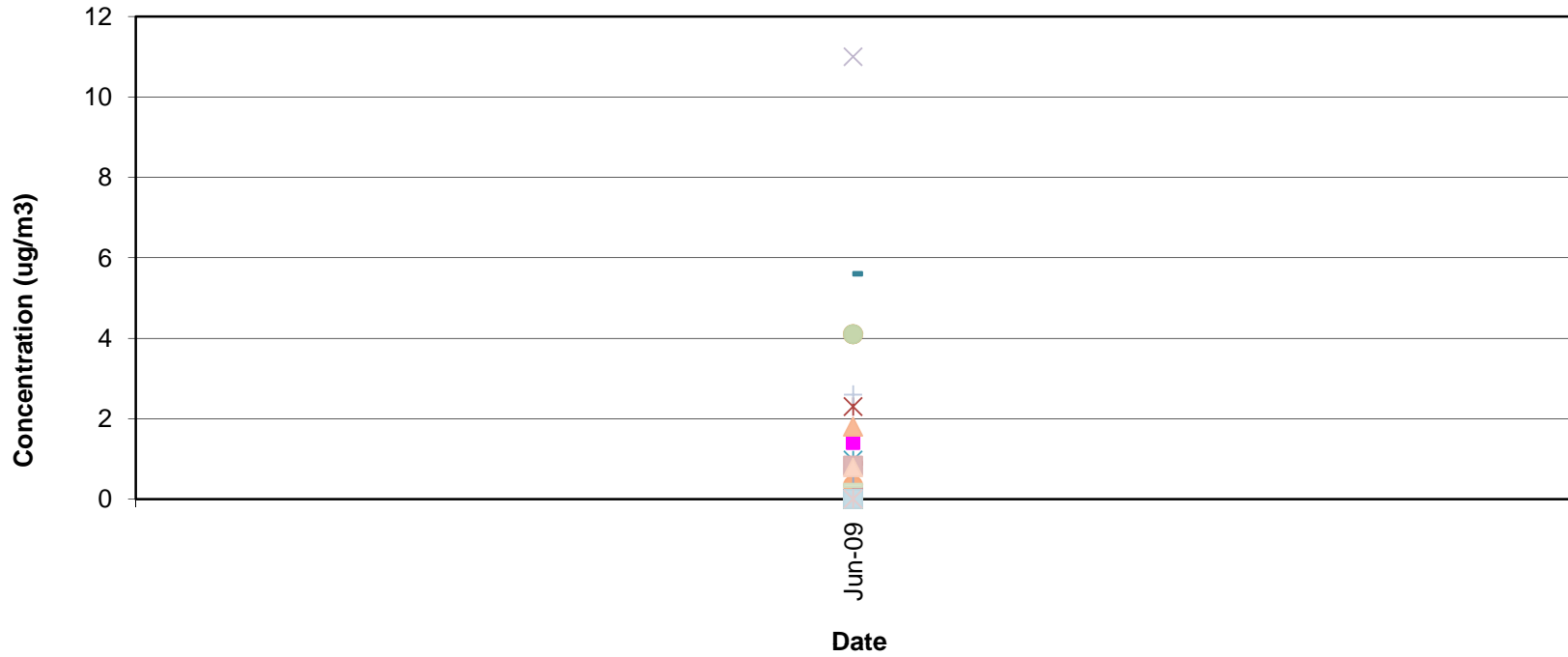
Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.1  
Bay Shore/Brightwaters Former MGP Site  
**OU1SG08**



Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.1  
Bay Shore/Brightwaters Former MGP Site  
**OU1SG08 BTEX**

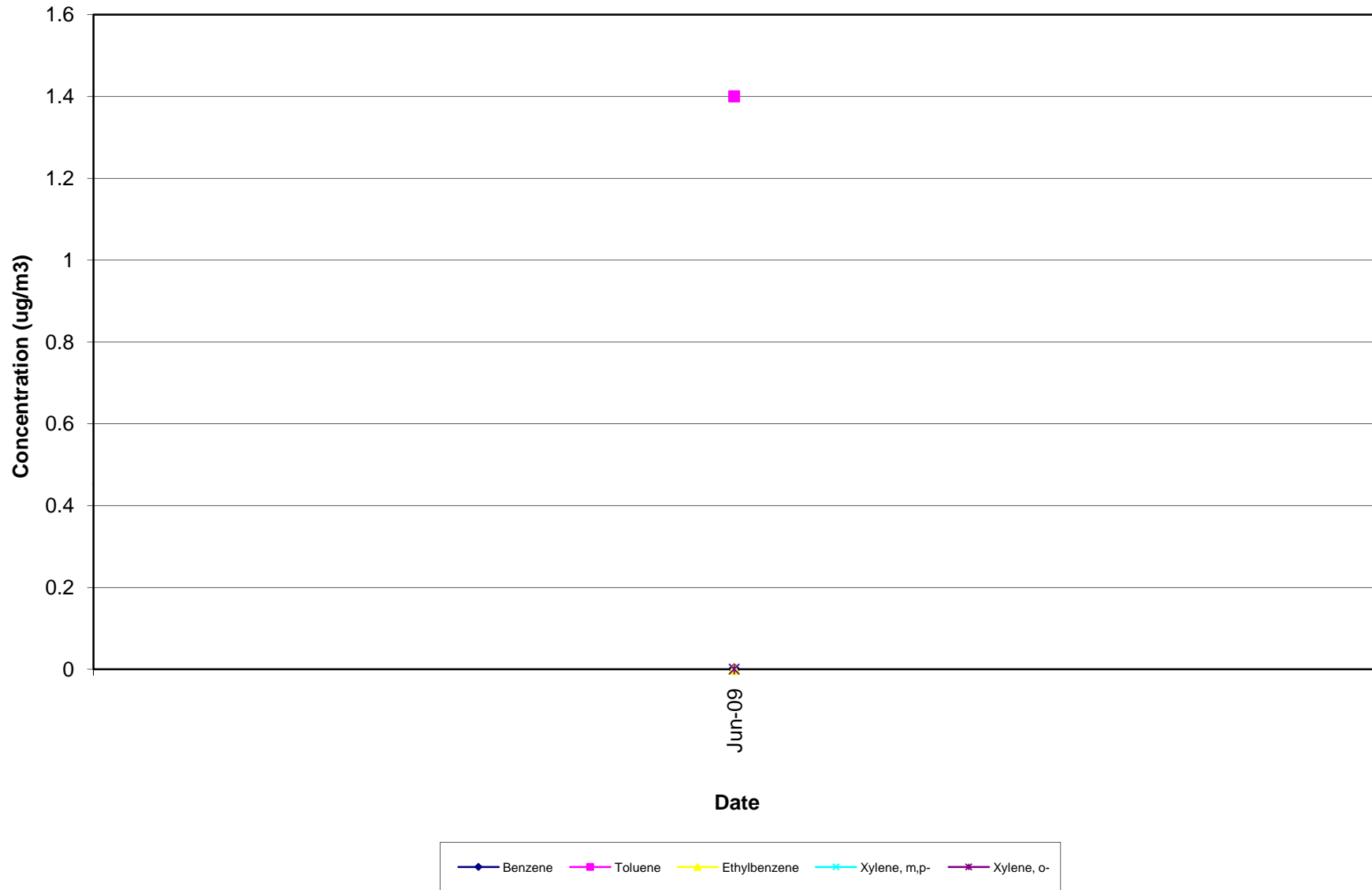


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.1  
Bay Shore/Brightwaters Former MGP Site  
**OU1SG09**



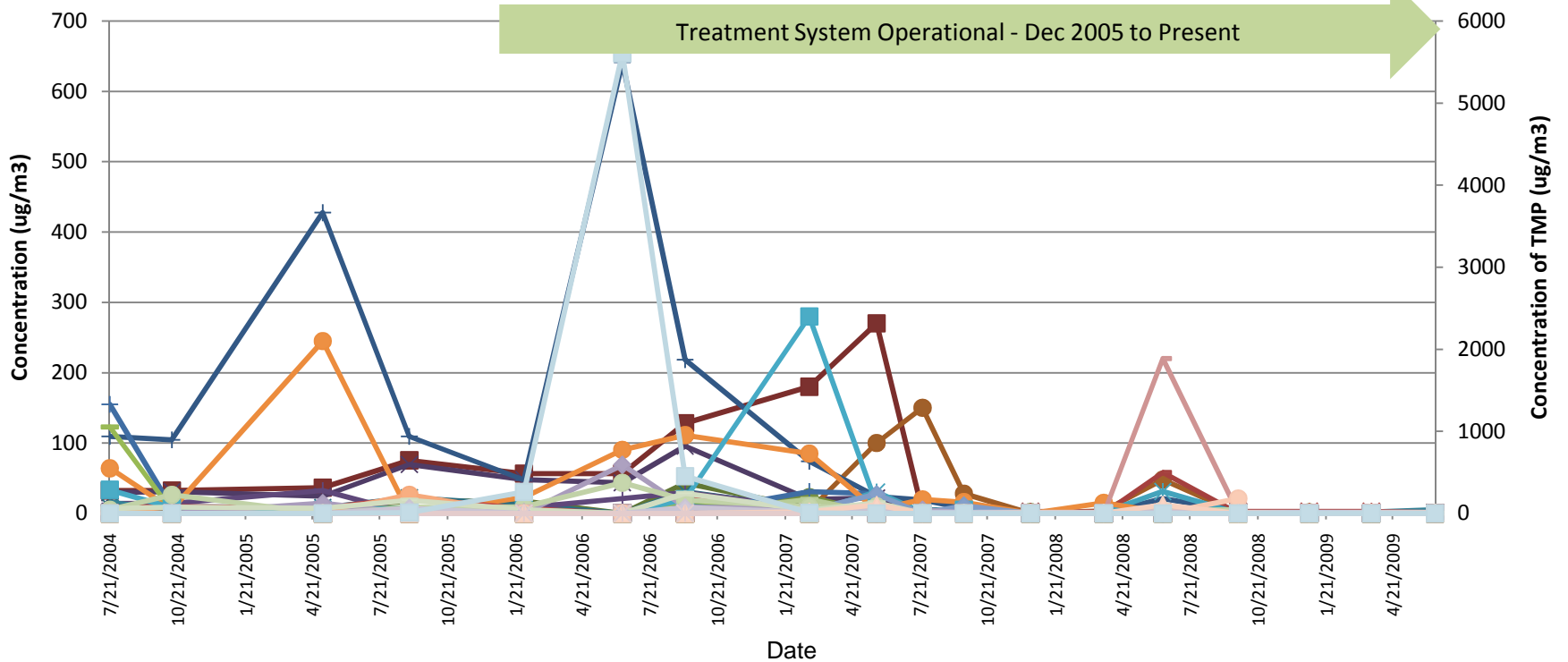
◆ Benzene	◆ Toluene	◆ Ethylbenzene	◆ Xylene, m,p-	◆ Xylene, o-
◆ Acetaldehyde	◆ Acetone	◆ Acrolein (propenal)	◆ Allyl chloride	◆ Benzothiophene
◆ Bromodichloromethane	◆ Bromoform	◆ Bromomethane	◆ Butadiene, 1,3-	◆ Butane
◆ Butanone, 2-	◆ Carbon disulfide	◆ Carbon tetrachloride	◆ Chlorobenzene	◆ Chloroethane
◆ Chloroform	◆ Chloromethane	◆ Chlorotoluene, 2-	◆ Cryofluorane	◆ Cyclohexane
◆ Decane, n-	◆ Dibromochloromethane	◆ Dibromoethane, 1,2-	◆ Dichlorobenzene, 1,2-	◆ Dichlorobenzene, 1,3-
◆ Dichlorobenzene, 1,4-	◆ Dichlorodifluoromethane	◆ Dichloroethane, 1,1-	◆ Dichloroethane, 1,2-	◆ Dichloroethene, 1,1-
◆ Dichloroethene, cis-1,2-	◆ Dichloropropene, cis-1,2-	◆ Dichloropropene, trans-1,3	◆ Dichloropropene, trans-1,3	◆ Dioxane, 1,4-
◆ Dodecane, n-	◆ Ethanol	◆ Ethylthiophene, 2-	◆ Ethyltoluene, p-	◆ Heptane, n-
◆ Hexachlorobutadiene	◆ Hexane, n-	◆ Hexanone, 2-	◆ Hydrogen sulfide	◆ Indan
◆ Indene	◆ Isopropyl benzene	◆ Methyl tert-butyl ether	◆ Methyl-2-pentanone, 4-	◆ Methylene chloride
◆ Methylnaphthalene, 1-	◆ Methylnaphthalene, 2-	◆ Methylthiophene, 2-	◆ Methylthiophene, 3-	◆ Naphthalene
◆ Nonane	◆ Octane, n-	◆ Pentane	◆ Propanol, 2-	◆ Propylbenzene, n-
◆ Styrene	◆ t-Butyl alcohol	◆ Tetrachloroethane, 1,1,2,2-	◆ Tetrachloroethene	◆ Tetrahydrofuran
◆ Tetramethylbenzene, 1,2,4,5-	◆ Thiophene	◆ Trans-1,2-dichloroethene	◆ Trichloro-1,2,2-trifluoroethane, 1,1,2-	◆ Trichlorobenzene, 1,2,4-
◆ Trichloroethane, 1,1,1-	◆ Trichloroethane, 1,1,2-	◆ Trichloroethene	◆ Trichlorofluoromethane	◆ Trimethylbenzene, 1,2,3-
◆ Trimethylbenzene, 1,2,4-	◆ Trimethylbenzene, 1,3,5-	◆ Trimethylpentane, 2,2,4-	◆ Undecane, n-	◆ Vinyl bromide
◆ Vinyl chloride				

Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.1  
Bay Shore/Brightwaters Former MGP Site  
**OU1SG09 BTEX**



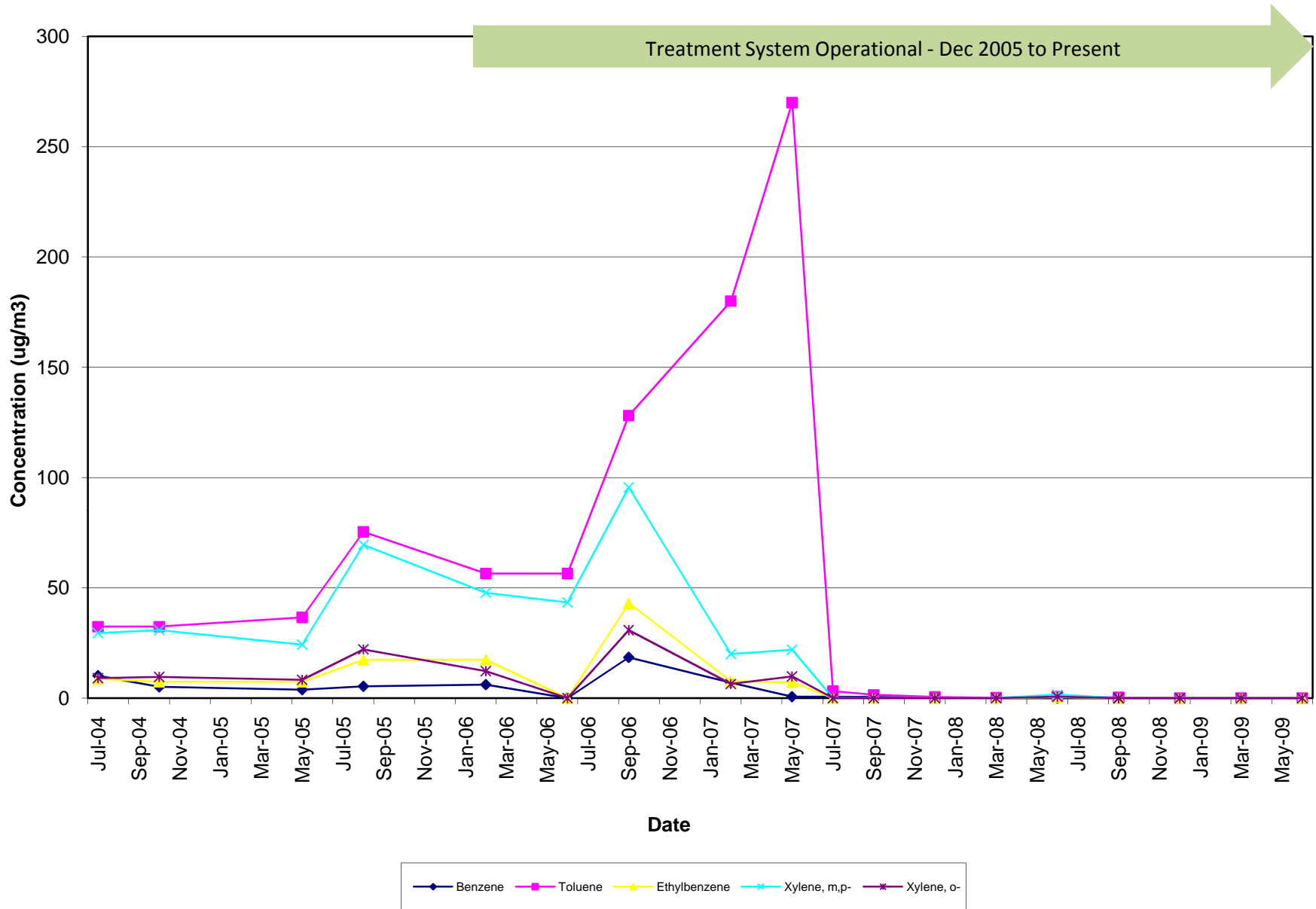


# OU2SG01

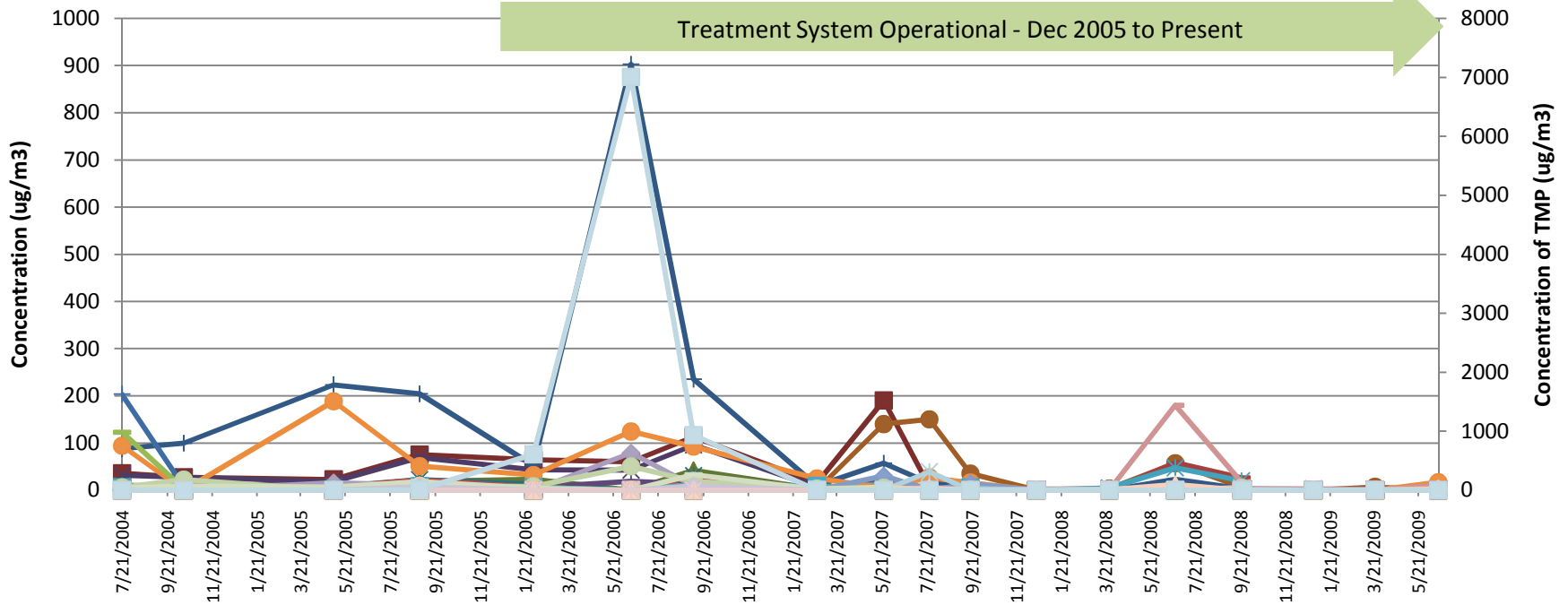


◆ Benzene	■ Toluene	◆ Ethylbenzene	◆ Xylene, m,p-	◆ Xylene, o-	◆ Acetaldehyde
◆ Acetone	◆ Acrolein (propenal)	◆ Allyl chloride	◆ Benzothiophene	◆ Bromodichloromethane	◆ Bromoform
◆ Bromomethane	◆ Butadiene, 1,3-	◆ Butane	◆ Butanone, 2-	◆ Carbon disulfide	◆ Carbon tetrachloride
◆ Chlorobenzene	◆ Chloroethane	◆ Chloroform	◆ Chloromethane	◆ Chlorotoluene, 2-	◆ Cryofluorane
◆ Cyclohexane	◆ Decane, n-	◆ Dibromochloromethane	◆ Dibromoethane, 1,2-	◆ Dichlorobenzene, 1,2-	◆ Dichlorobenzene, 1,3-
◆ Dichlorobenzene, 1,4-	◆ Dichlorodifluoromethane	◆ Dichloroethane, 1,1-	◆ Dichloroethane, 1,2-	◆ Dichloroethene, 1,1-	◆ Dichloroethene, cis-1,2-
◆ Dichloropropane, 1,2-	◆ Dichloropropene, cis-1,3	◆ Dichloropropene, trans-1,3	◆ Dioxane, 1,4-	◆ Dodecane, n-	◆ Ethanol
◆ Ethylthiophene, 2-	◆ Ethyltoluene, p-	◆ Heptane, n-	◆ Hexachlorobutadiene	◆ Hexane, n-	◆ Hexanone, 2-
◆ Hydrogen sulfide	◆ Indan	◆ Indene	◆ Isopropyl benzene	◆ Methyl tert-butyl ether	◆ Methyl-2-pentanone, 4-
◆ Methylene chloride	◆ Methylnaphthalene, 1-	◆ Methylnaphthalene, 2-	◆ Methylthiophene, 2-	◆ Methylthiophene, 3-	◆ Naphthalene
◆ Nonane	◆ Octane, n-	◆ Pentane	◆ Propanol, 2-	◆ Propylbenzene, n-	◆ Styrene
◆ t-Butyl alcohol	◆ Tetrachloroethane, 1,1,2,2-	◆ Tetrachloroethene	◆ Tetrahydrofuran	◆ Tetramethylbenzene, 1,2,4,5-	◆ Thiophene
◆ Trans-1,2-dichloroethene	◆ Trichloro-1,2,2-trifluoroethane, 1,1,2-	◆ Trichlorobenzene, 1,2,4-	◆ Trichloroethane, 1,1,1-	◆ Trichloroethane, 1,1,2-	◆ Trichloroethene
◆ Trichlorofluoromethane	◆ Trimethylbenzene, 1,2,3-	◆ Trimethylbenzene, 1,2,4-	◆ Trimethylbenzene, 1,3,5-	◆ Undecane, n-	◆ Vinyl bromide
◆ Vinyl chloride	◆ Trimethylpentane, 2,2,4-				

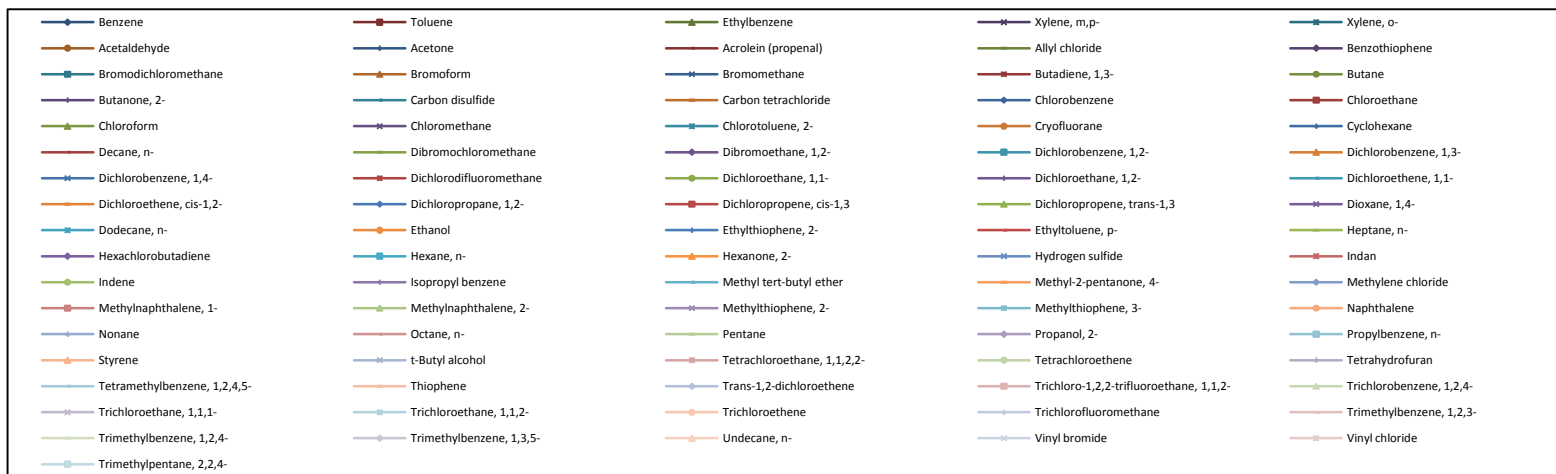
Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG01 BTEX**



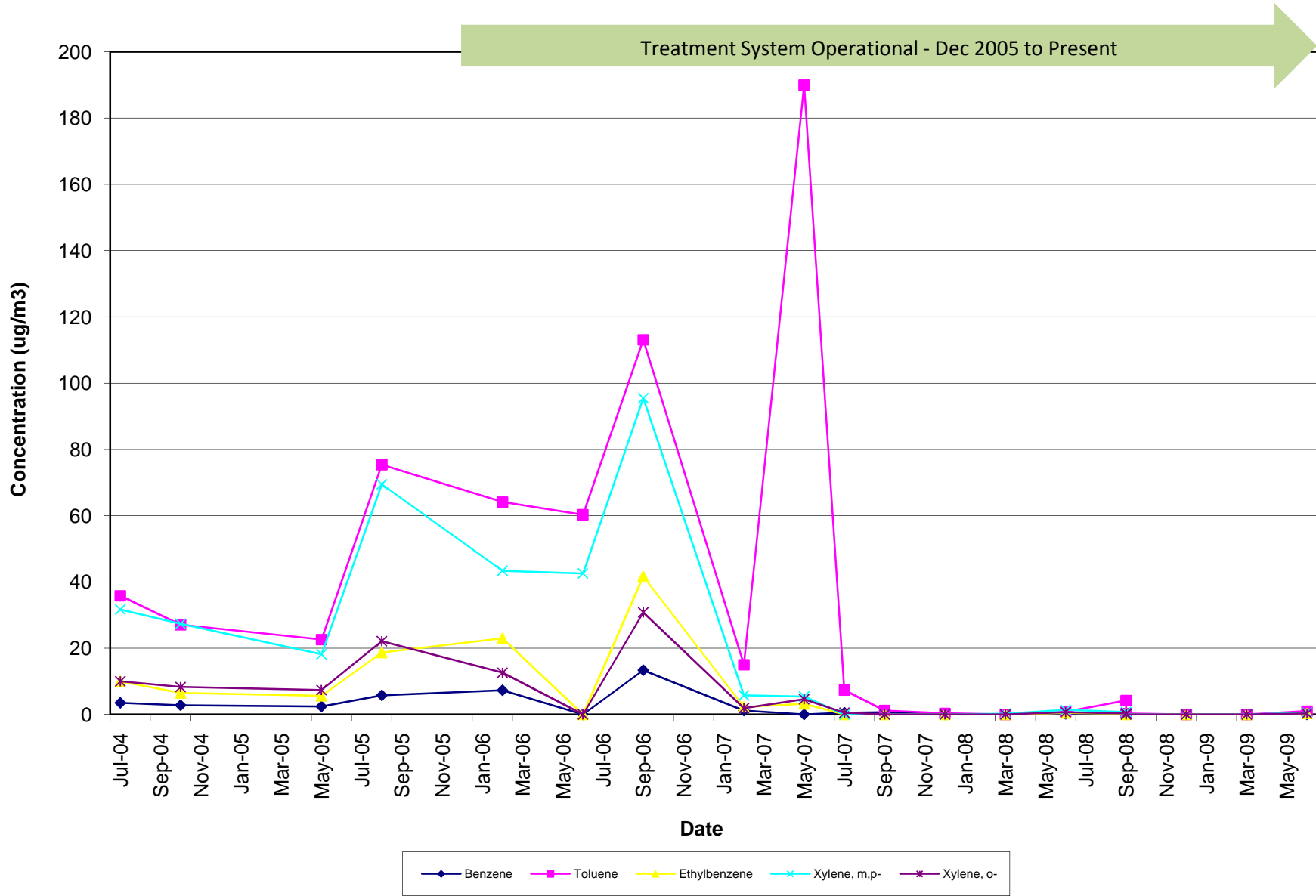
# OU2SG02



Date

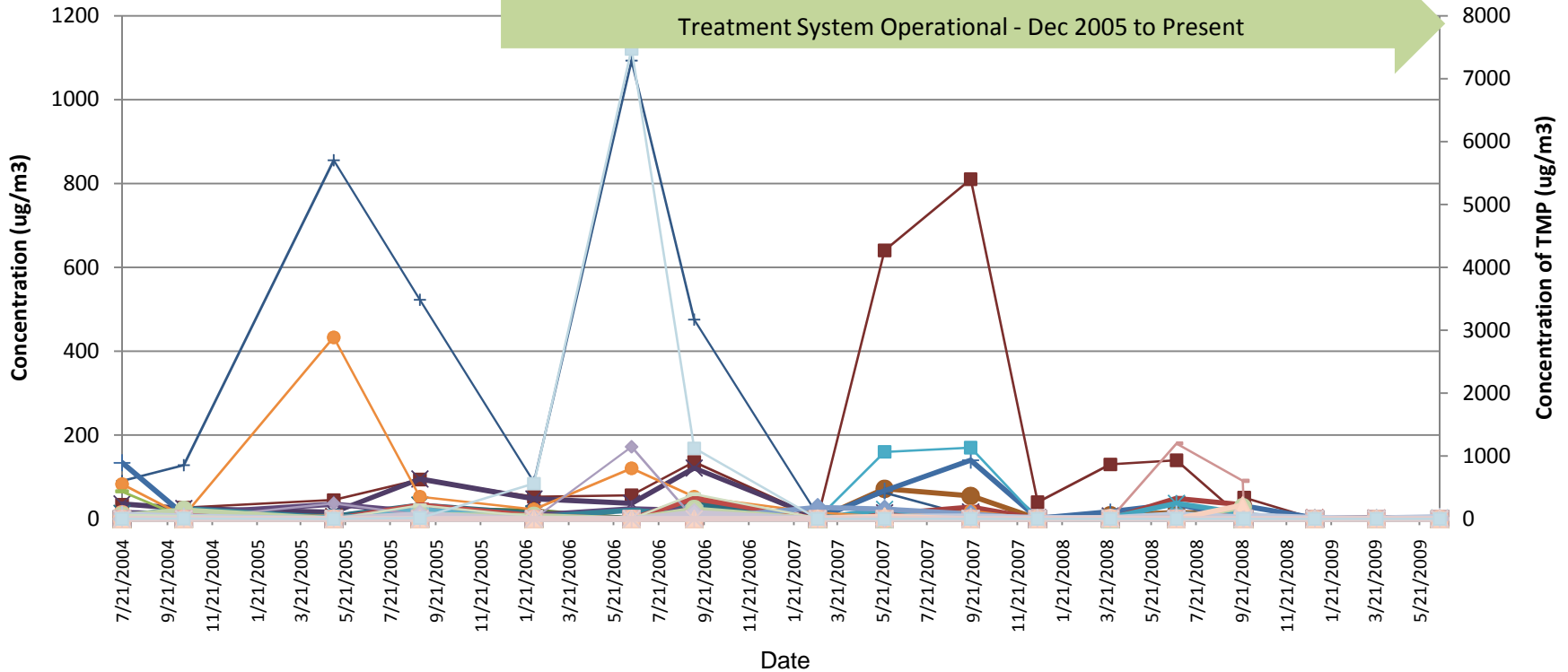


Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG02 BTEX**



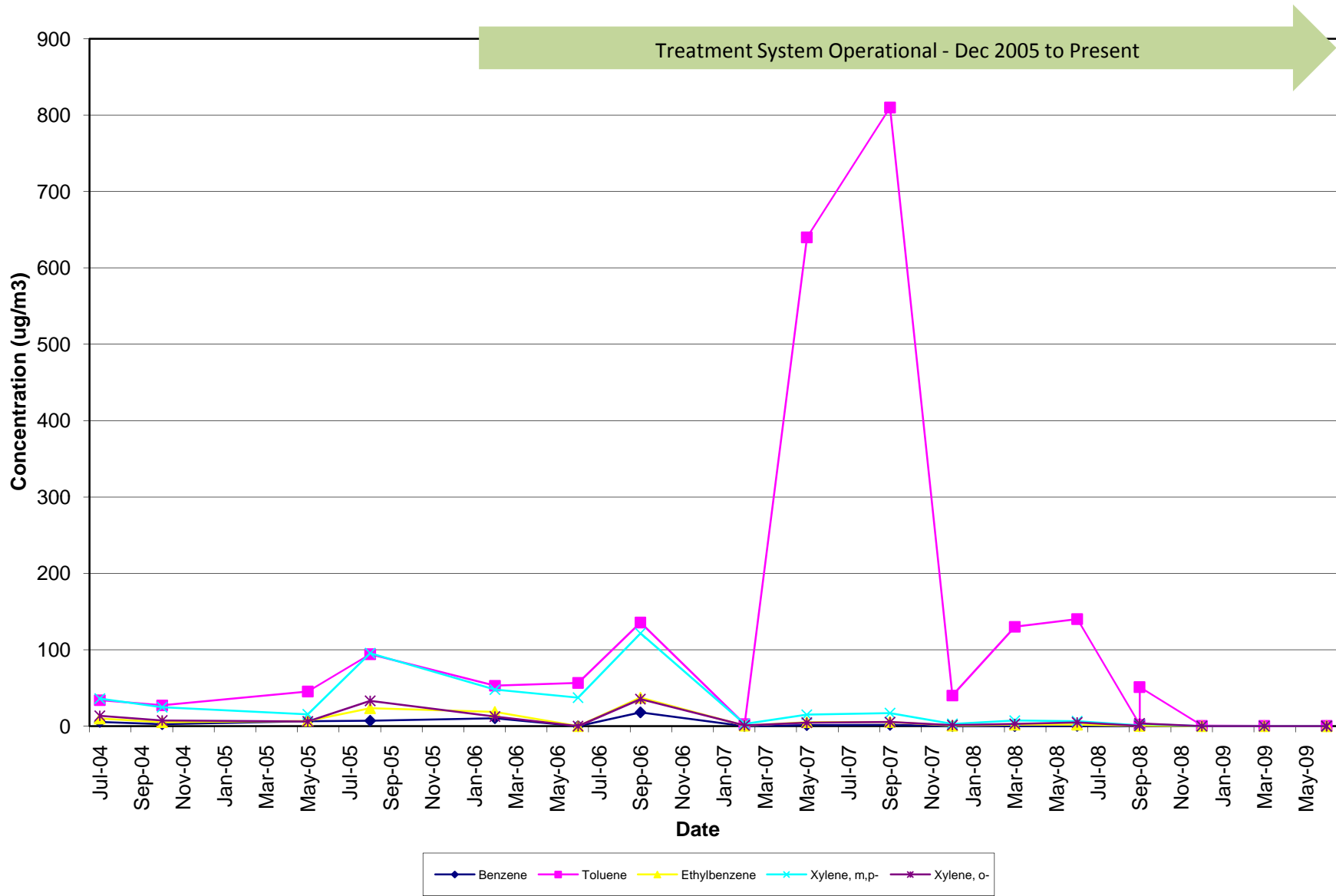
# OU2SG03

Treatment System Operational - Dec 2005 to Present

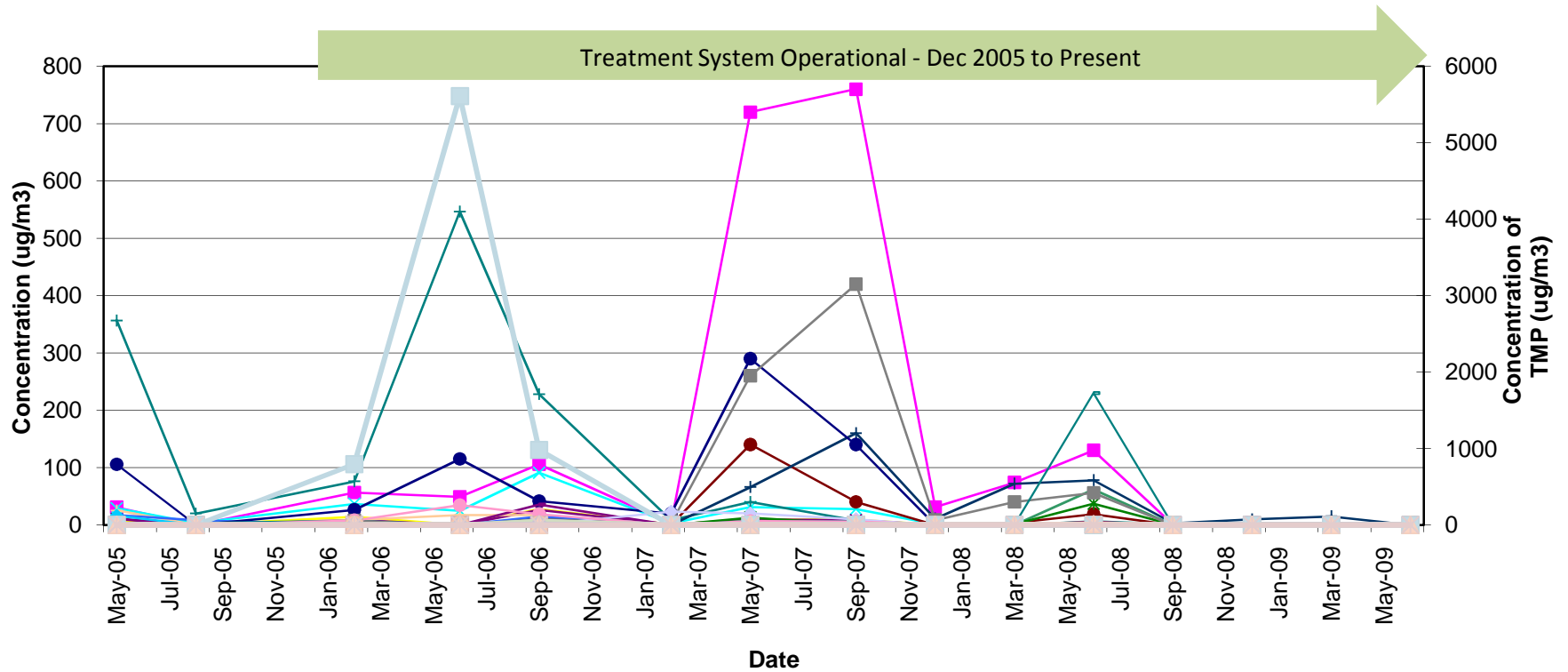


- |                          |   |                            |                          |                              |                          |
|--------------------------|---|----------------------------|--------------------------|------------------------------|--------------------------|
| Benzenes                 | Toluene                                 | Ethylbenzene               | Xylene, m,p-             | Xylene, o-                   | Acetaldehyde             |
| Acetone                  | Acrolein (propenal)                     | Allyl chloride             | Benzothiophene           | Bromodichloromethane         | Bromoform                |
| Bromomethane             | Butadiene, 1,3-                         | Butane                     | Butanone, 2-             | Carbon disulfide             | Carbon tetrachloride     |
| Chlorobenzene            | Chloroethane                            | Chloroform                 | Chloromethane            | Chlorotoluene, 2-            | Cryofluorane             |
| Cyclohexane              | Decane, n-                              | Dibromochloromethane       | Dibromoethane, 1,2-      | Dichlorobenzene, 1,2-        | Dichlorobenzene, 1,3-    |
| Dichlorobenzene, 1,4-    | Dichlorodifluoromethane                 | Dichloroethane, 1,1-       | Dichloroethane, 1,2-     | Dichloroethene, 1,1-         | Dichloroethene, cis-1,2- |
| Dichloropropane, 1,2-    | Dichloropropene, cis-1,3                | Dichloropropene, trans-1,3 | Dioxane, 1,4-            | Dodecane, n-                 | Ethanol                  |
| Ethylthiophene, 2-       | Ethyltoluene, p-                        | Heptane, n-                | Hexachlorobutadiene      | Hexane, n-                   | Hexanone, 2-             |
| Hydrogen sulfide         | Indan                                   | Indene                     | Isopropyl benzene        | Methyl tert-butyl ether      | Methyl-2-pentanone, 4-   |
| Methylene chloride       | Methylnaphthalene, 1-                   | Methylnaphthalene, 2-      | Methylthiophene, 2-      | Methylthiophene, 3-          | Naphthalene              |
| Nonane                   | Octane, n-                              | Pentane                    | Propanol, 2-             | Propylbenzene, n-            | Styrene                  |
| t-Butyl alcohol          | Tetrachloroethane, 1,1,2,2-             | Tetrachloroethene          | Tetrahydrofuran          | Tetramethylbenzene, 1,2,4,5- | Thiophene                |
| Trans-1,2-dichloroethene | Trichloro-1,2,2-trifluoroethane, 1,1,2- | Trichlorobenzene, 1,2,4-   | Trichloroethane, 1,1,1-  | Trichloroethane, 1,1,2-      | Trichloroethene          |
| Trichlorofluoromethane   | Trimethylbenzene, 1,2,3-                | Trimethylbenzene, 1,2,4-   | Trimethylbenzene, 1,3,5- | Undecane, n-                 | Vinyl bromide            |
| Vinyl chloride           | Trimethylpentane, 2,2,4-                |                            |                          |                              |                          |

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG03 BTEX**

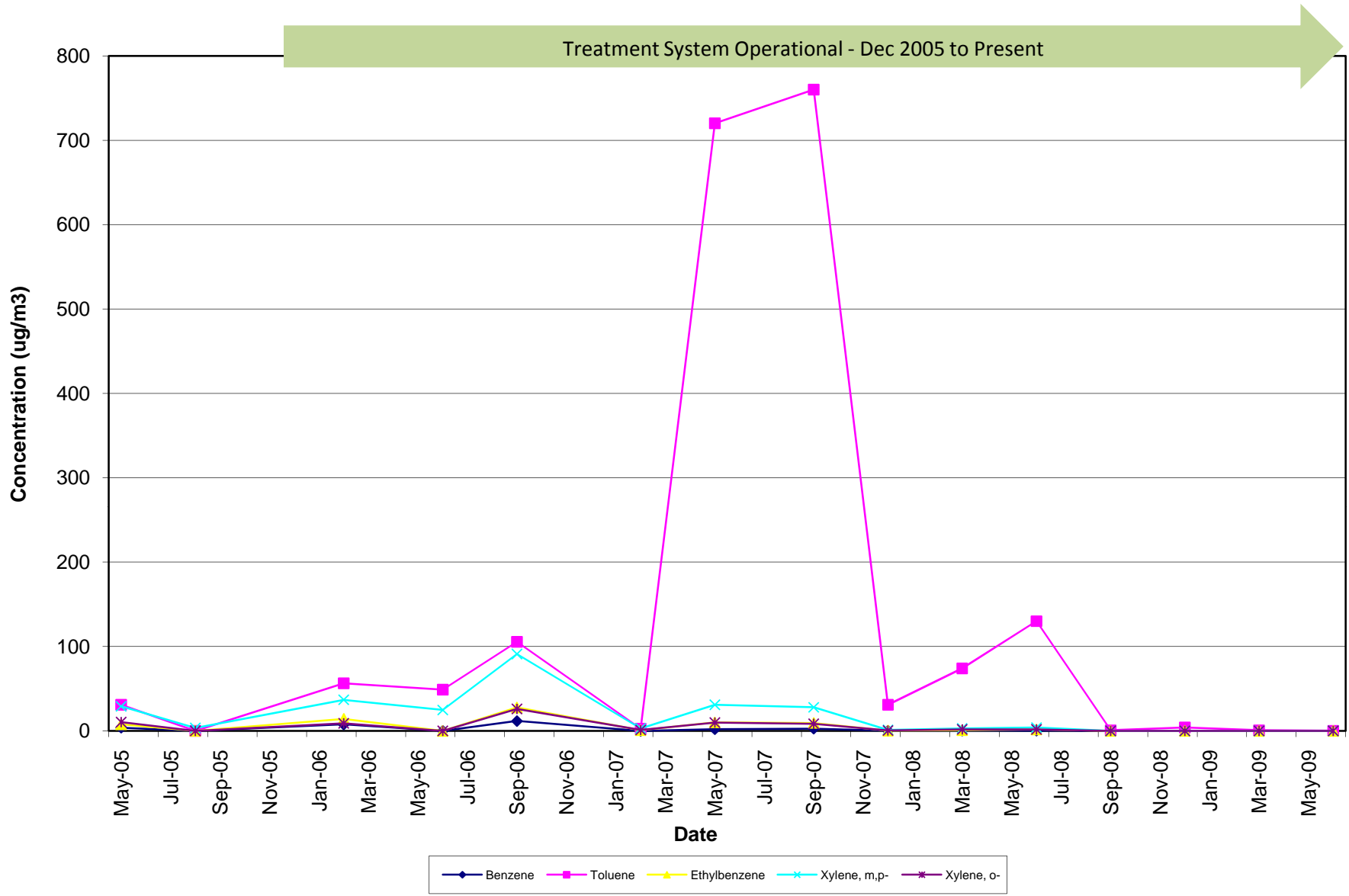


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG04**



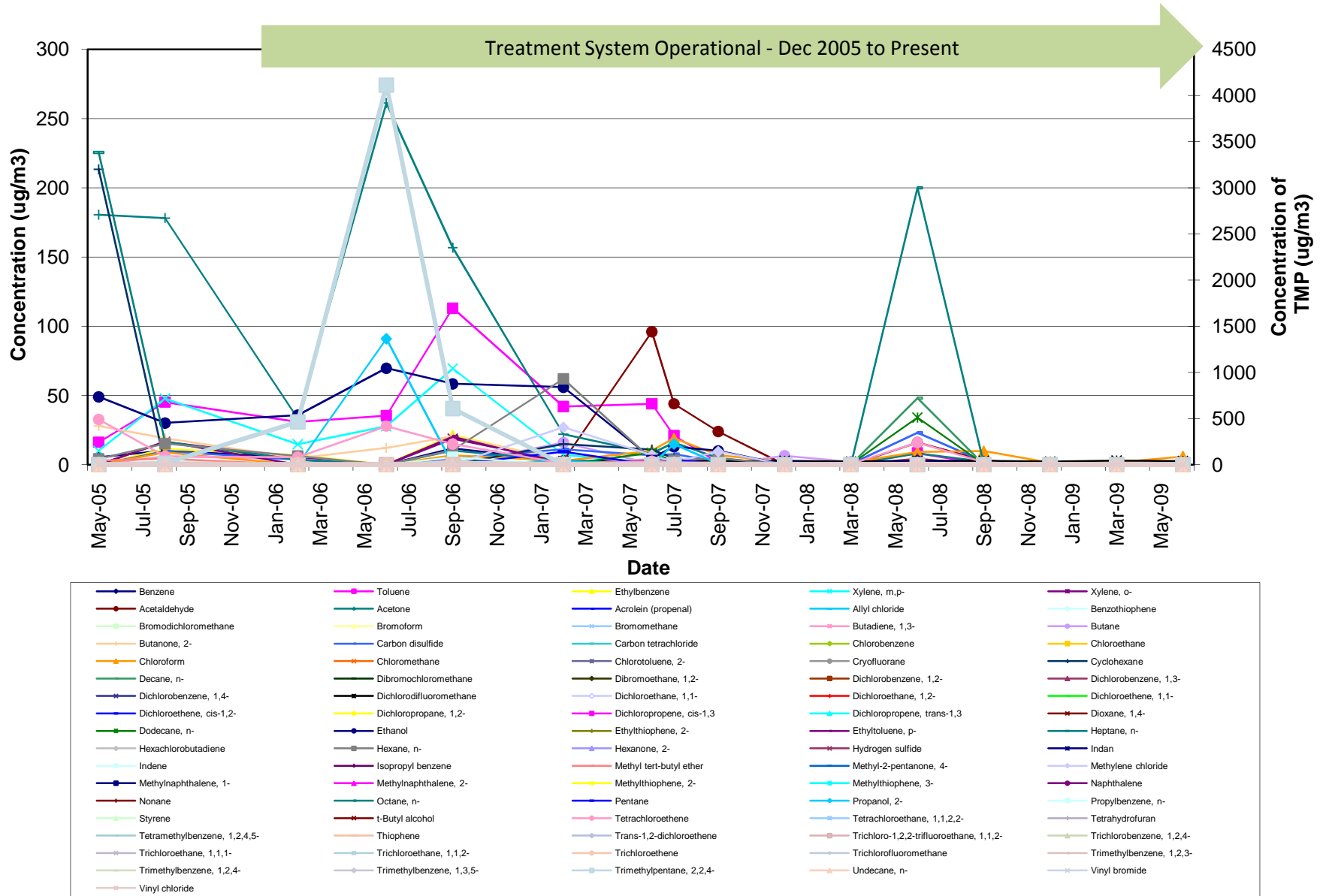
Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-
Acetaldehyde	Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene
Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butane
Butanone, 2-	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane
Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane	Cyclohexane
Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-
Dichloroethene, cis-1,2-	Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-
Dodecane, n-	Ethanol	Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-
Hexachlorobutadiene	Hexane, n-	Hexanone, 2-	Hydrogen sulfide	Indan
Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-	Methylene chloride
Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-
Styrene	t-Butyl alcohol	Tetrachloroethene	Tetrachloroethane, 1,1,2,2-	Tetrahydrofuran
Tetramethylbenzene, 1,2,4,5-	Thiophene	Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-
Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene	Trichlorofluoromethane	Trimethylbenzene, 1,2,3-
Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-	Vinyl bromide
Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG04 BTEX**

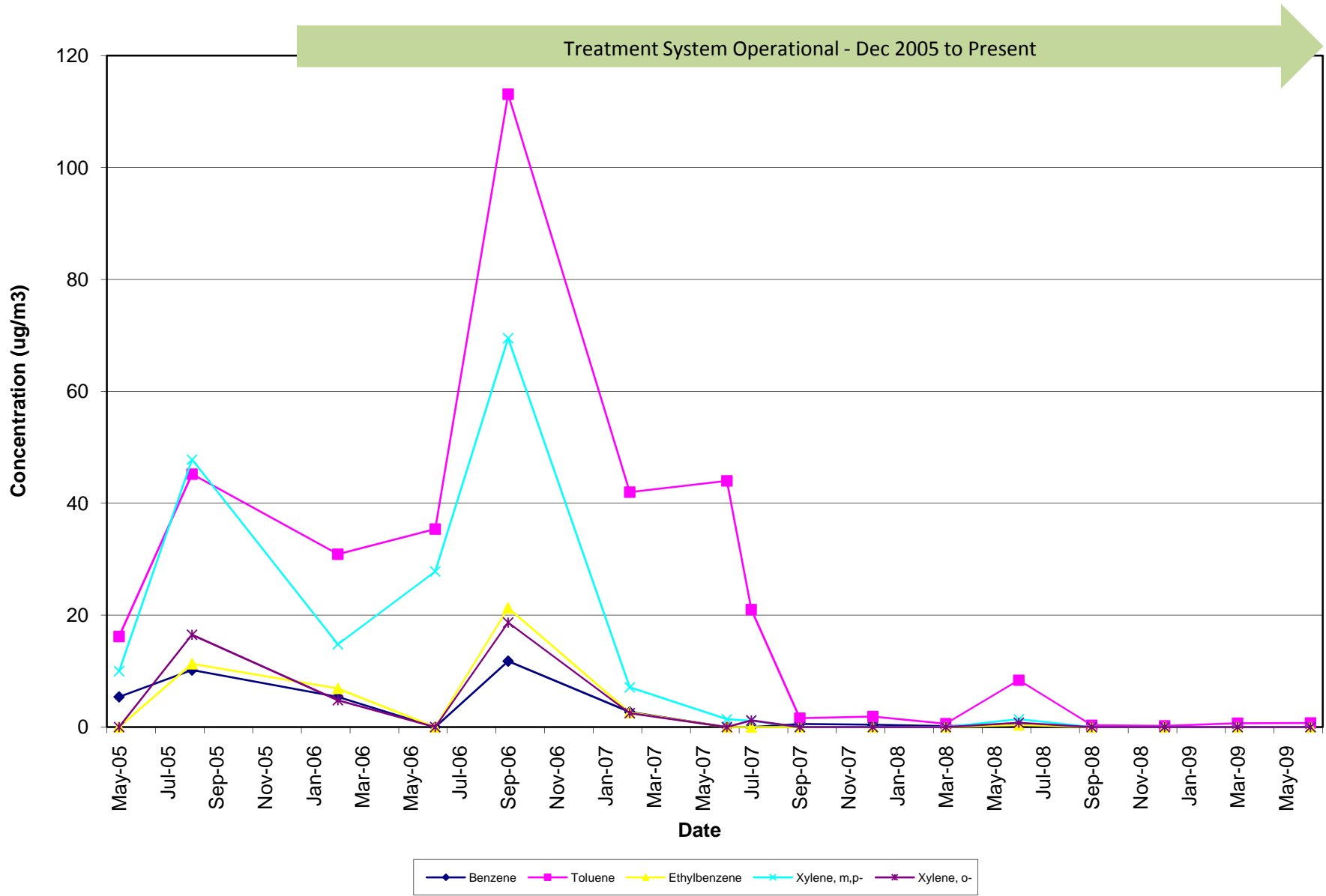




Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG05**



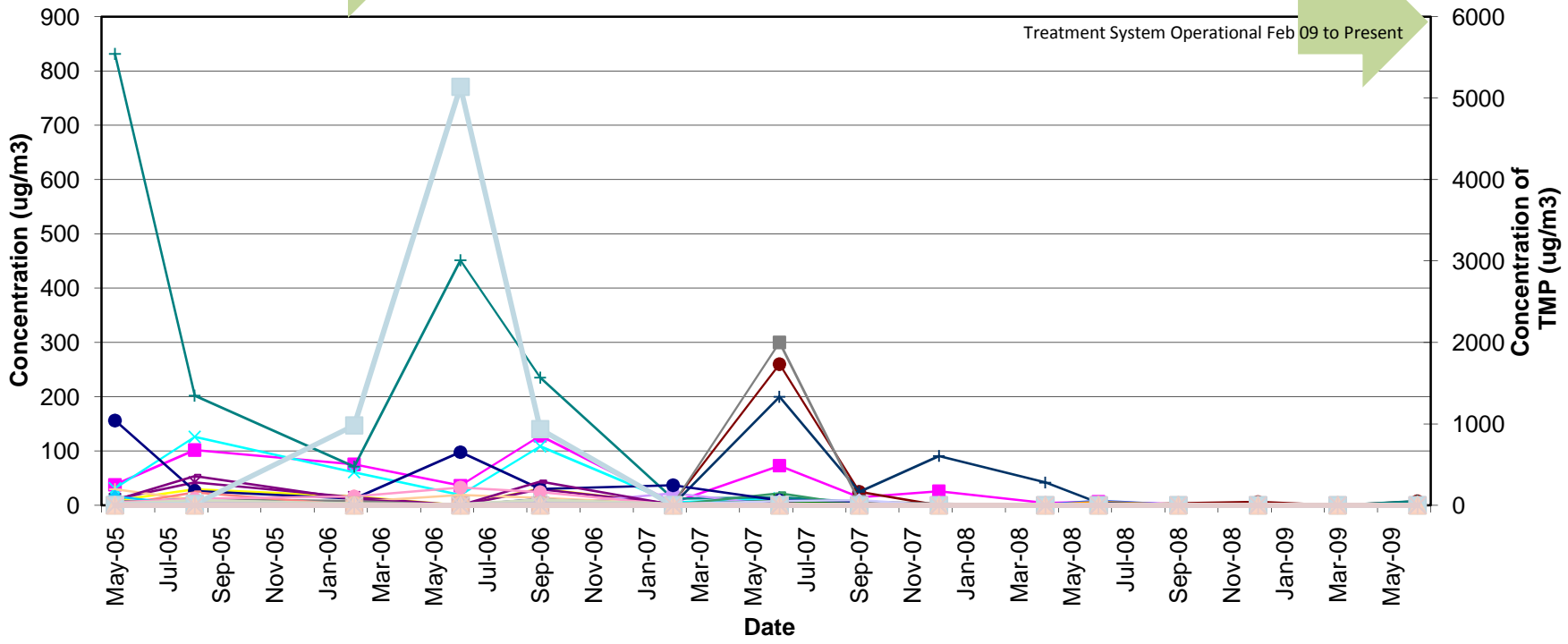
Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG05 BTEX**



Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG06**

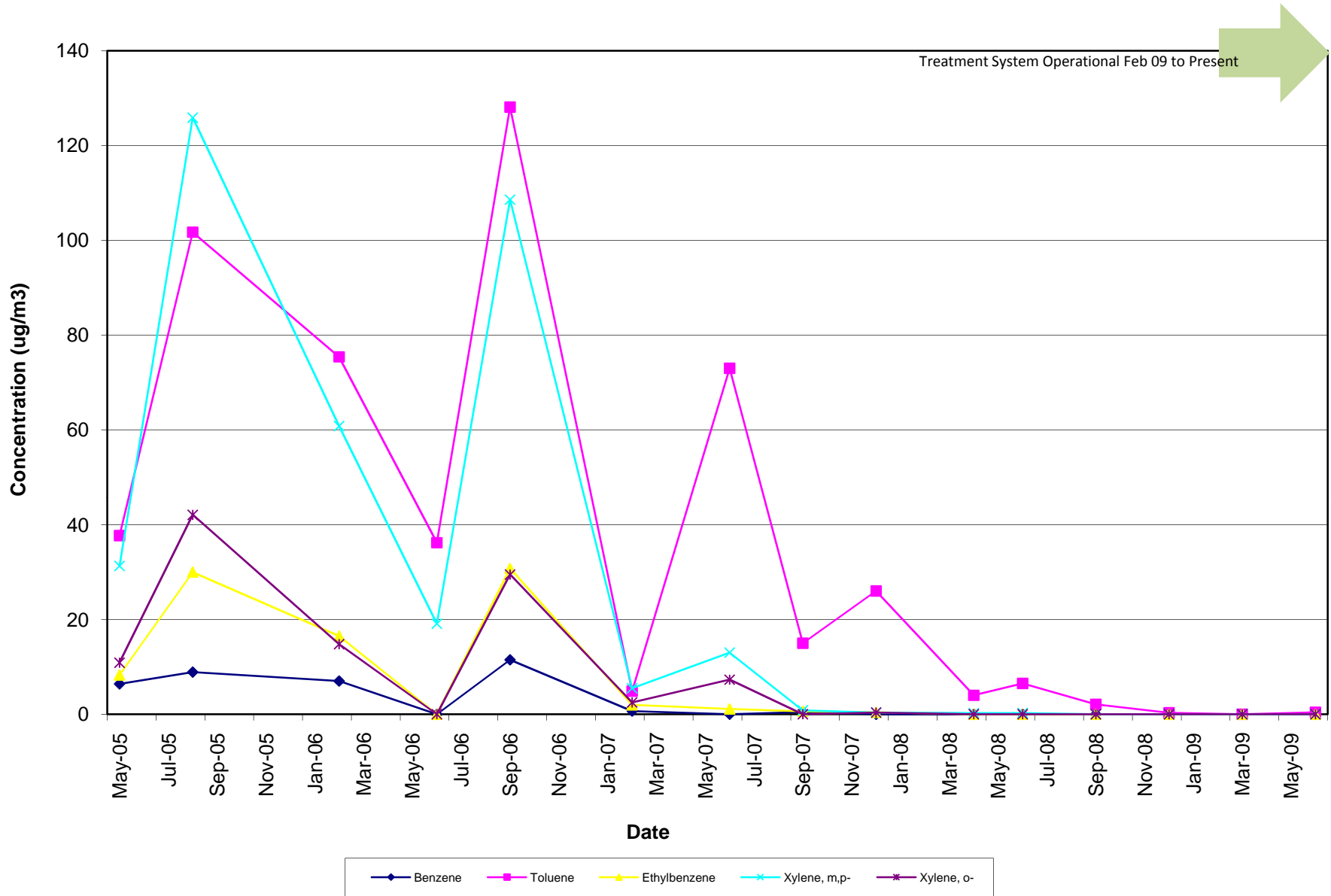
Treatment System Operational -  
 April 28, 2009 to Present

Treatment System Operational Feb 09 to Present

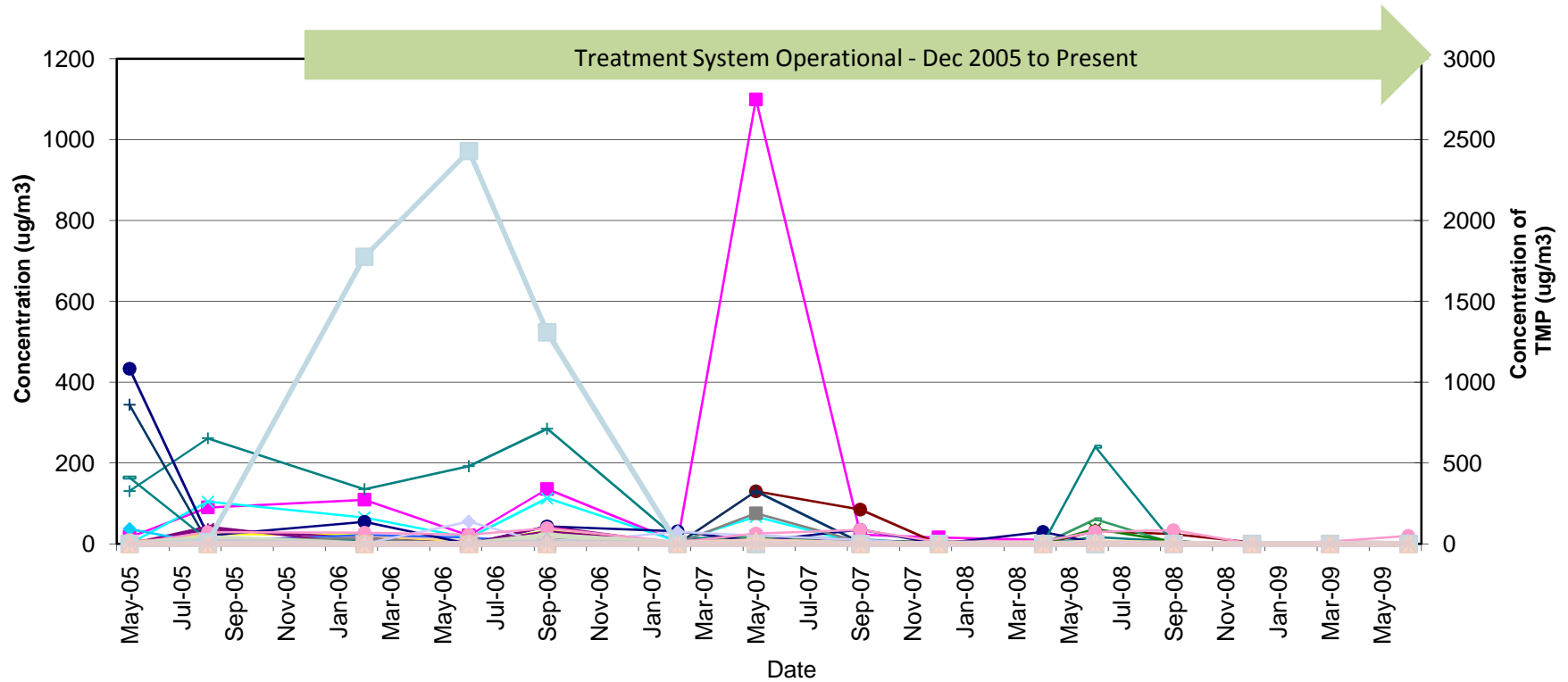


- |                                |                            |                            |   |                            |
|--------------------------------|----------------------------|----------------------------|---|----------------------------|
| ● Benzene                      | ● Toluene                  | ● Ethylbenzene             | ● Xylene, m,p-                            | ● Xylene, o-               |
| ● Acetaldehyde                 | ● Acetone                  | ● Acrolein (propenal)      | ● Allyl chloride                          | ● Benzothiophene           |
| ● Bromodichloromethane         | ● Bromoform                | ● Bromomethane             | ● Butadiene, 1,3-                         | ● Butane                   |
| ● Butanone, 2-                 | ● Carbon disulfide         | ● Carbon tetrachloride     | ● Chlorobenzene                           | ● Chloroethane             |
| ● Chloroform                   | ● Chloromethane            | ● Chlorotoluene, 2-        | ● Cryofluorane                            | ● Cyclohexane              |
| ● Decane, n-                   | ● Dibromochloromethane     | ● Dibromoethane, 1,2-      | ● Dichlorobenzene, 1,2-                   | ● Dichlorobenzene, 1,3-    |
| ● Dichlorobenzene, 1,4-        | ● Dichlorodifluoromethane  | ● Dichloroethane, 1,1-     | ● Dichloroethane, 1,2-                    | ● Dichloroethene, 1,1-     |
| ● Dichloroethene, cis-1,2-     | ● Dichloropropane, 1,2-    | ● Dichloropropene, cis-1,3 | ● Dichloropropene, trans-1,3              | ● Dioxane, 1,4-            |
| ● Dodecane, n-                 | ● Ethanol                  | ● Ethylthiophene, 2-       | ● Ethyltoluene, p-                        | ● Heptane, n-              |
| ● Hexachlorobutadiene          | ● Hexane, n-               | ● Hexanone, 2-             | ● Hydrogen sulfide                        | ● Indan                    |
| ● Indene                       | ● Isopropyl benzene        | ● Methyl tert-butyl ether  | ● Methyl-2-pentanone, 4-                  | ● Methylene chloride       |
| ● Methylnaphthalene, 1-        | ● Methylnaphthalene, 2-    | ● Methylthiophene, 2-      | ● Methylthiophene, 3-                     | ● Naphthalene              |
| ● Nonane                       | ● Octane, n-               | ● Pentane                  | ● Propanol, 2-                            | ● Propylbenzene, n-        |
| ● Styrene                      | ● t-Butyl alcohol          | ● Tetrachloroethene        | ● Tetrachloroethane, 1,1,2,2-             | ● Tetrahydrofuran          |
| ● Tetramethylbenzene, 1,2,4,5- | ● Thiophene                | ● Trans-1,2-dichloroethene | ● Trichloro-1,2,2-trifluoroethane, 1,1,2- | ● Trichlorobenzene, 1,2,4- |
| ● Trichloroethane, 1,1,1-      | ● Trichloroethane, 1,1,2-  | ● Trichloroethene          | ● Trichlorofluoromethane                  | ● Trimethylbenzene, 1,2,3- |
| ● Trimethylbenzene, 1,2,4-     | ● Trimethylbenzene, 1,3,5- | ● Trimethylpentane, 2,2,4- | ● Undecane, n-                            | ● Vinyl bromide            |

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG06 BTEX**

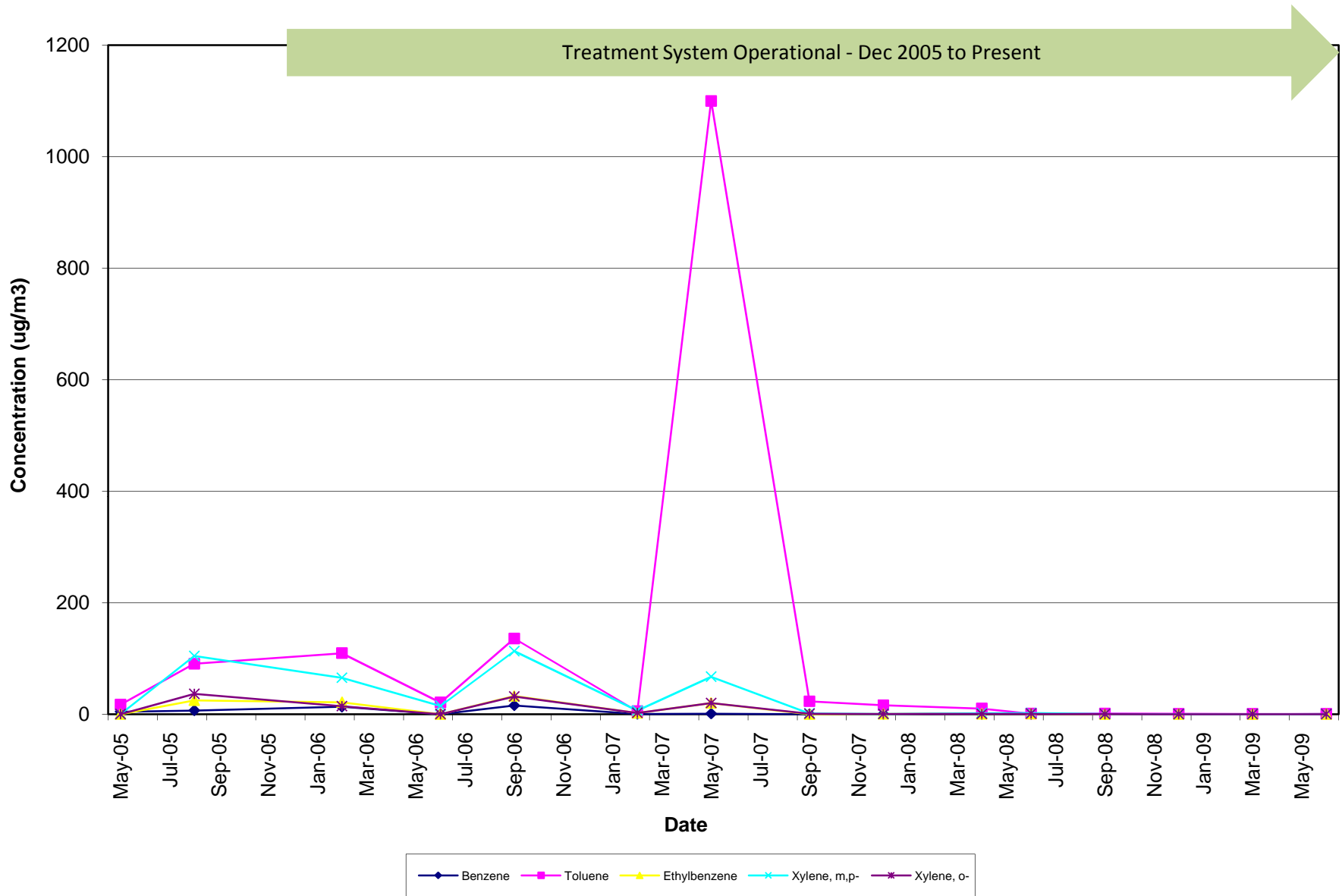


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG07**

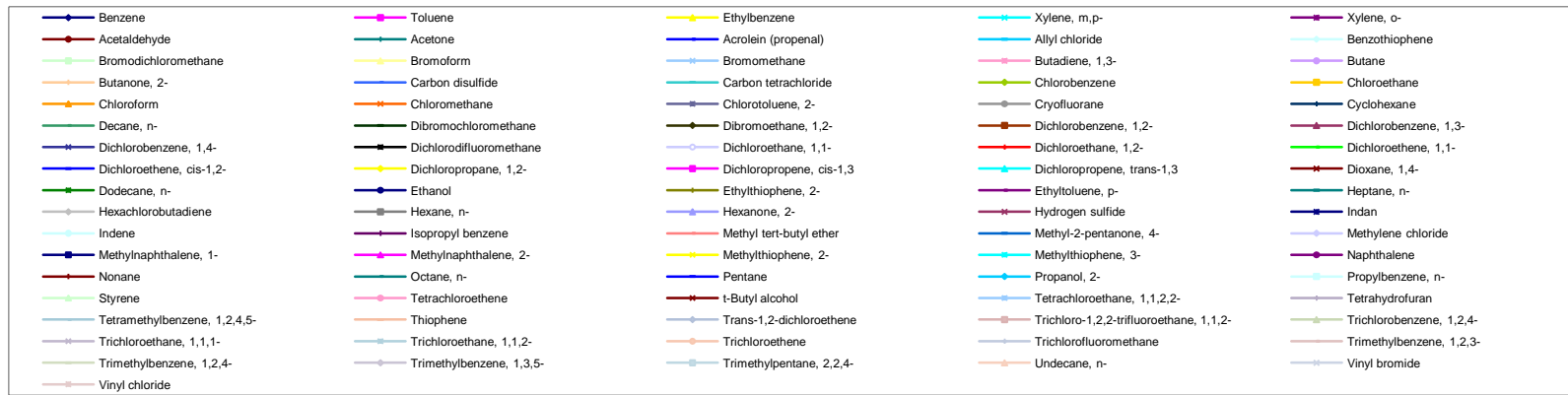
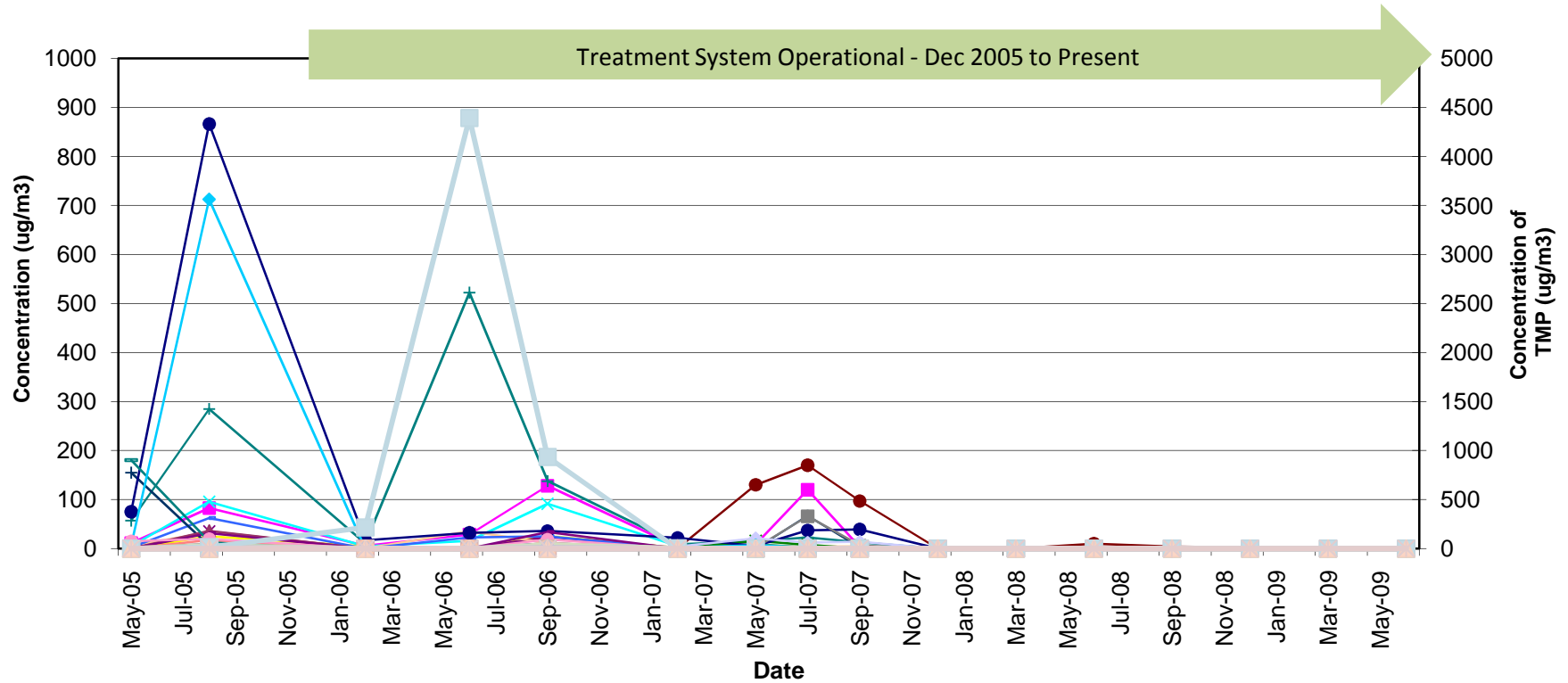


Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-
Acetaldehyde	Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene
Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butane
Butanone, 2-	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane
Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane	Cyclohexane
Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethane, 1,1-
Dichloroethene, cis-1,2-	Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-
Dodecane, n-	Ethanol	Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-
Hexachlorobutadiene	Hexane, n-	Hexanone, 2-	Hydrogen sulfide	Indan
Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-	Methylene chloride
Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-
Styrene	Tetrachloroethene	t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrahydrofuran
Tetramethylbenzene, 1,2,4,5-	Thiophene	Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-
Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene	Trichlorofluoromethane	Trimethylbenzene, 1,2,3-
Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-	Vinyl bromide
Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG07 BTEX**

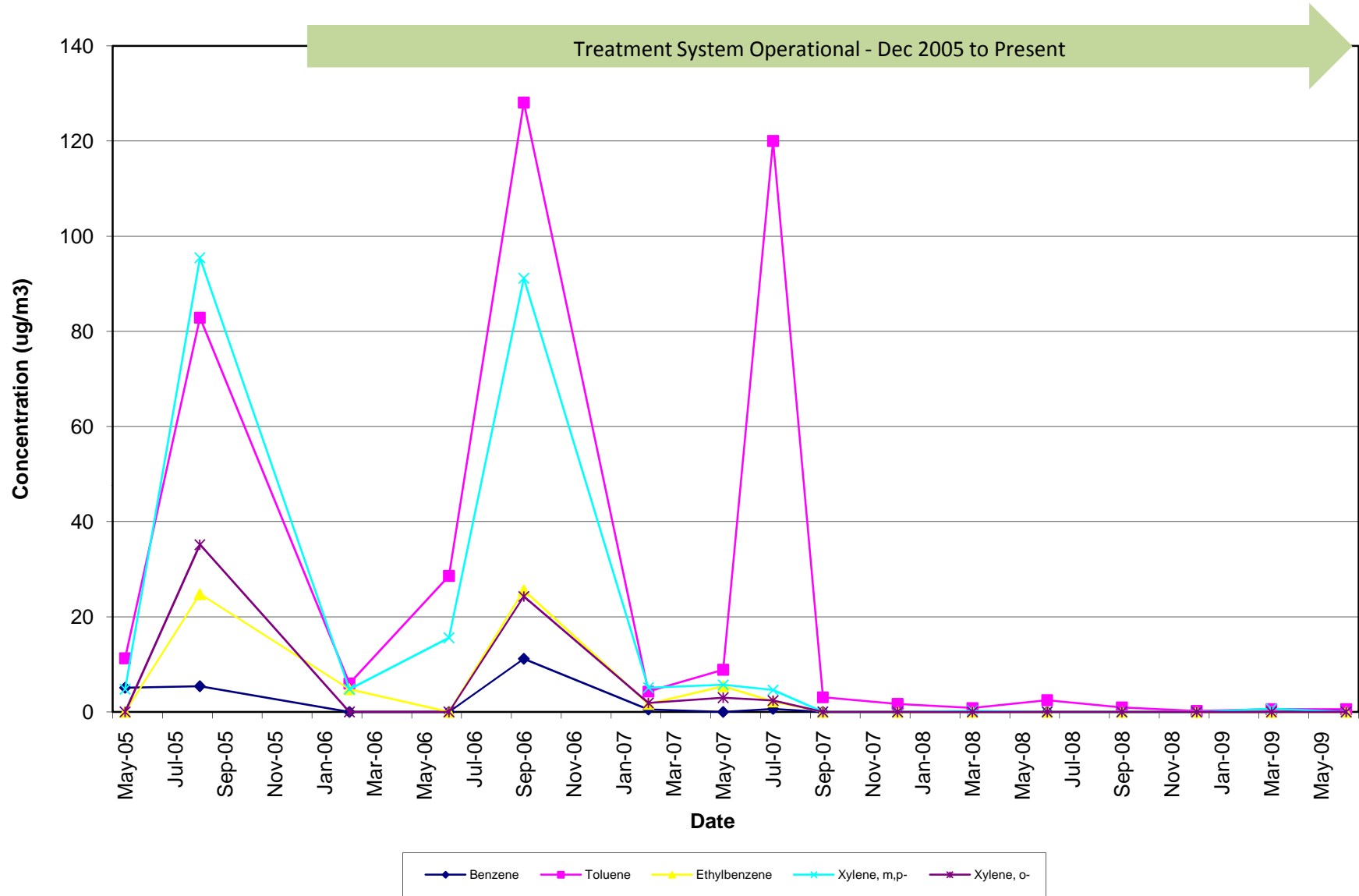


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG08**



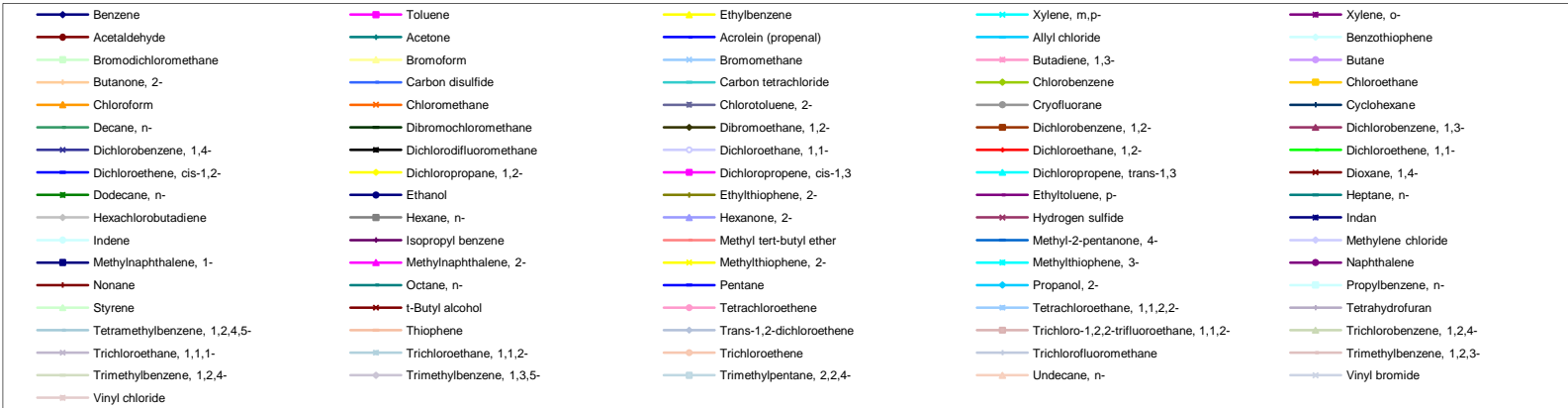
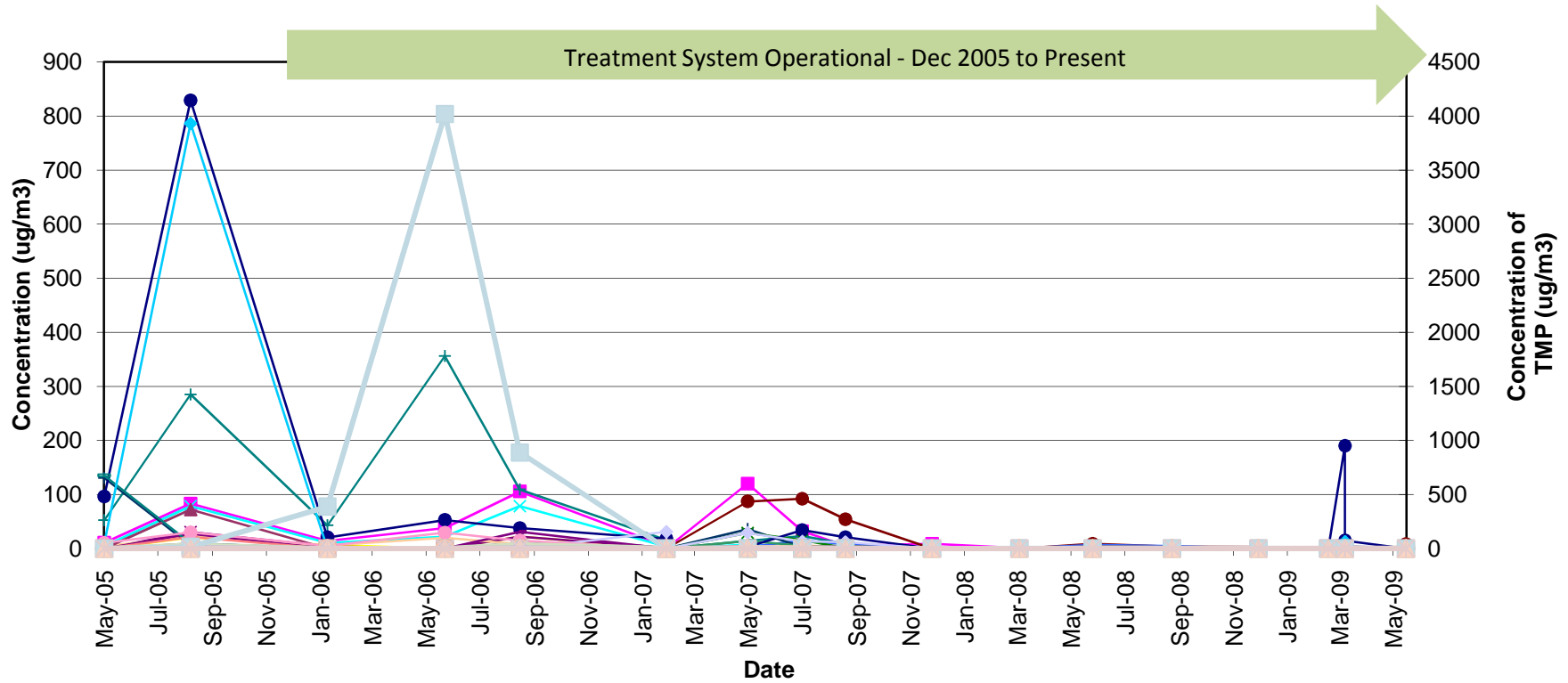
Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site

**OU2SG08 BTEX**

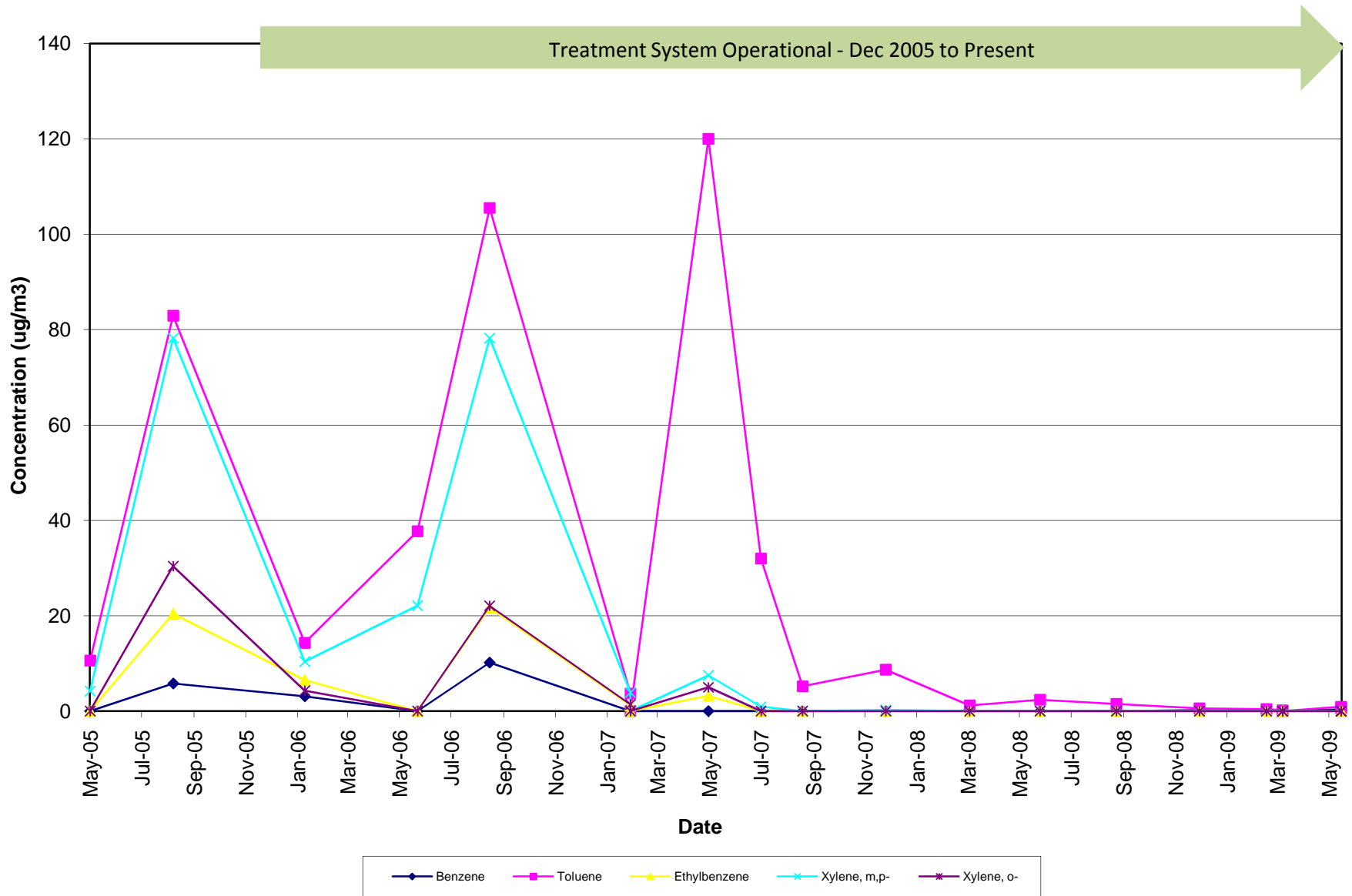




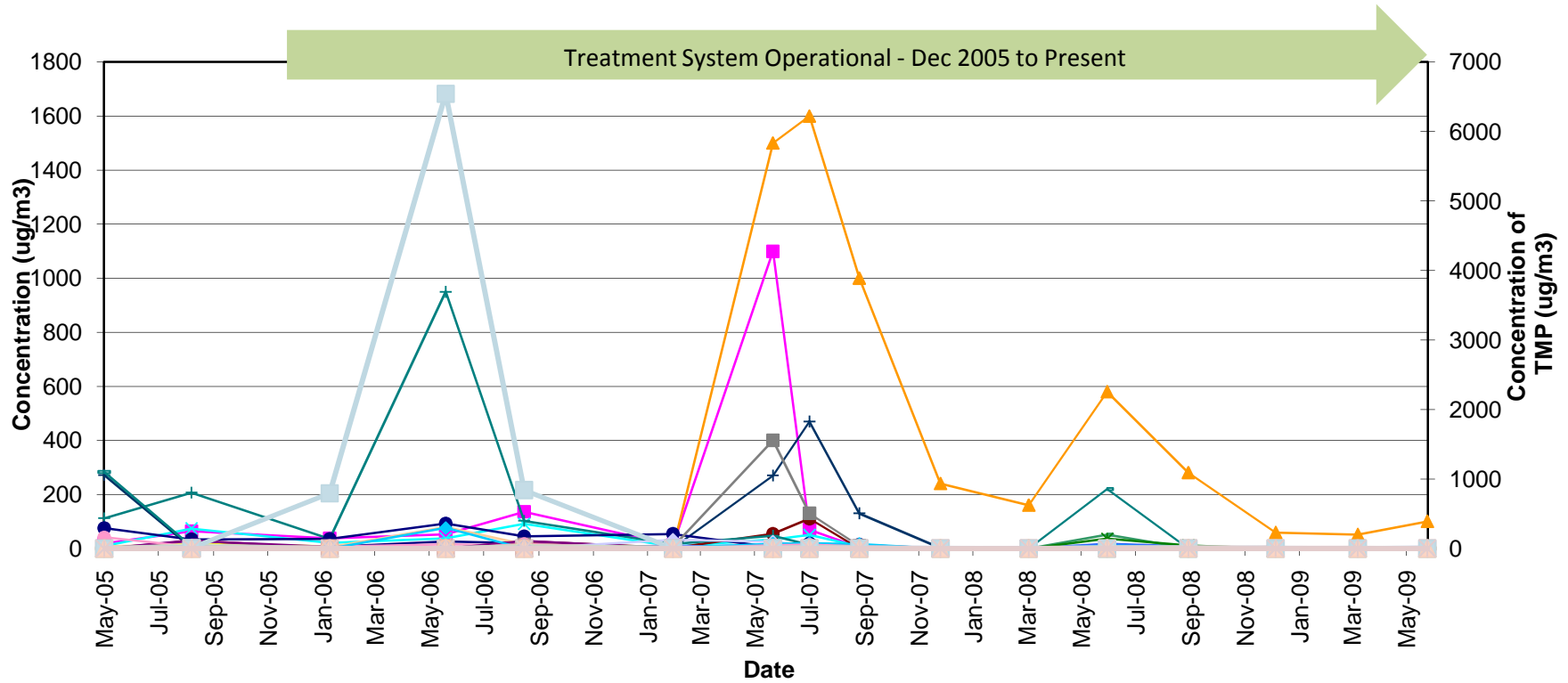
Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG09**



Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG09 BTEX**

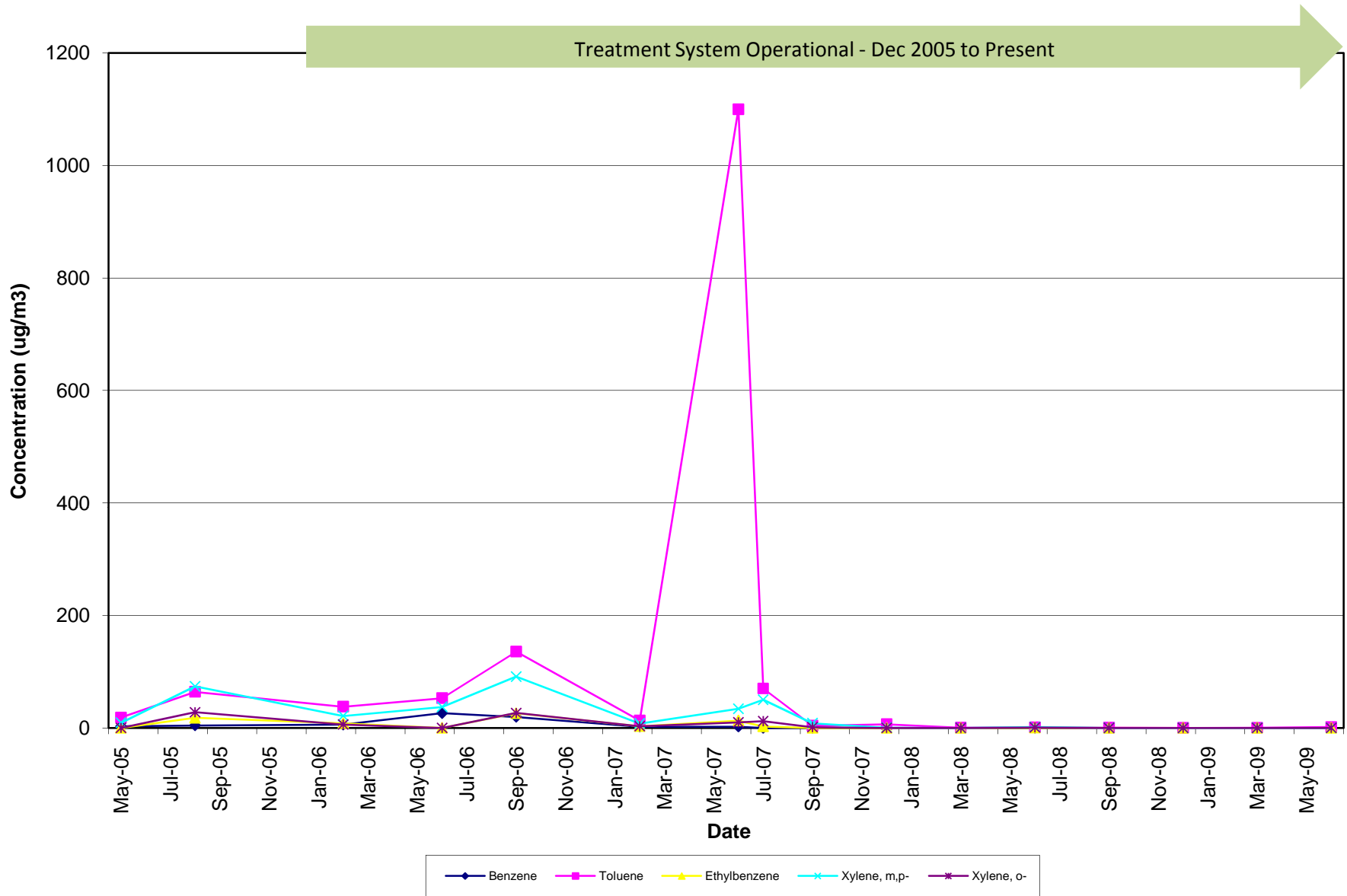


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG10**

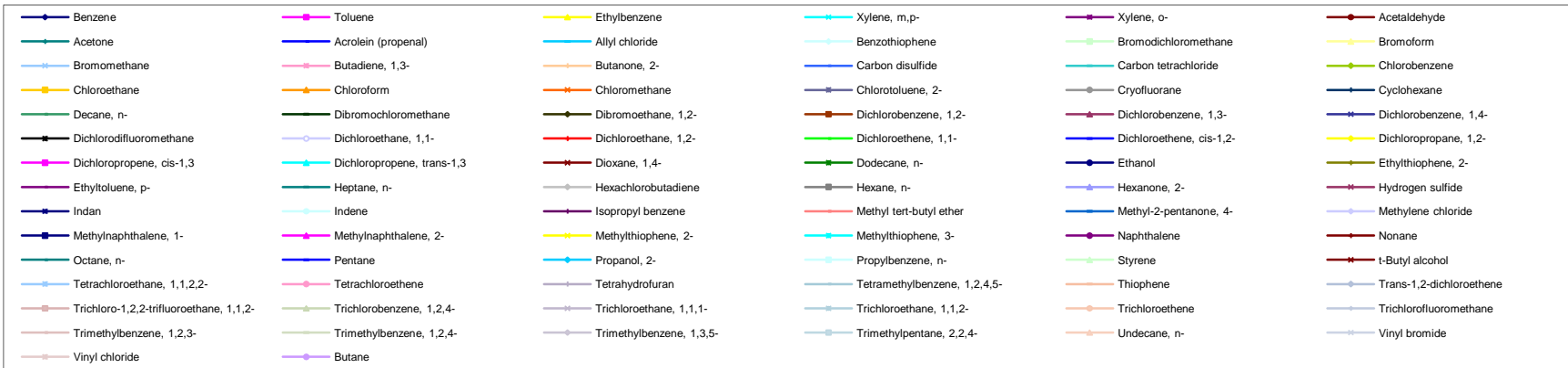
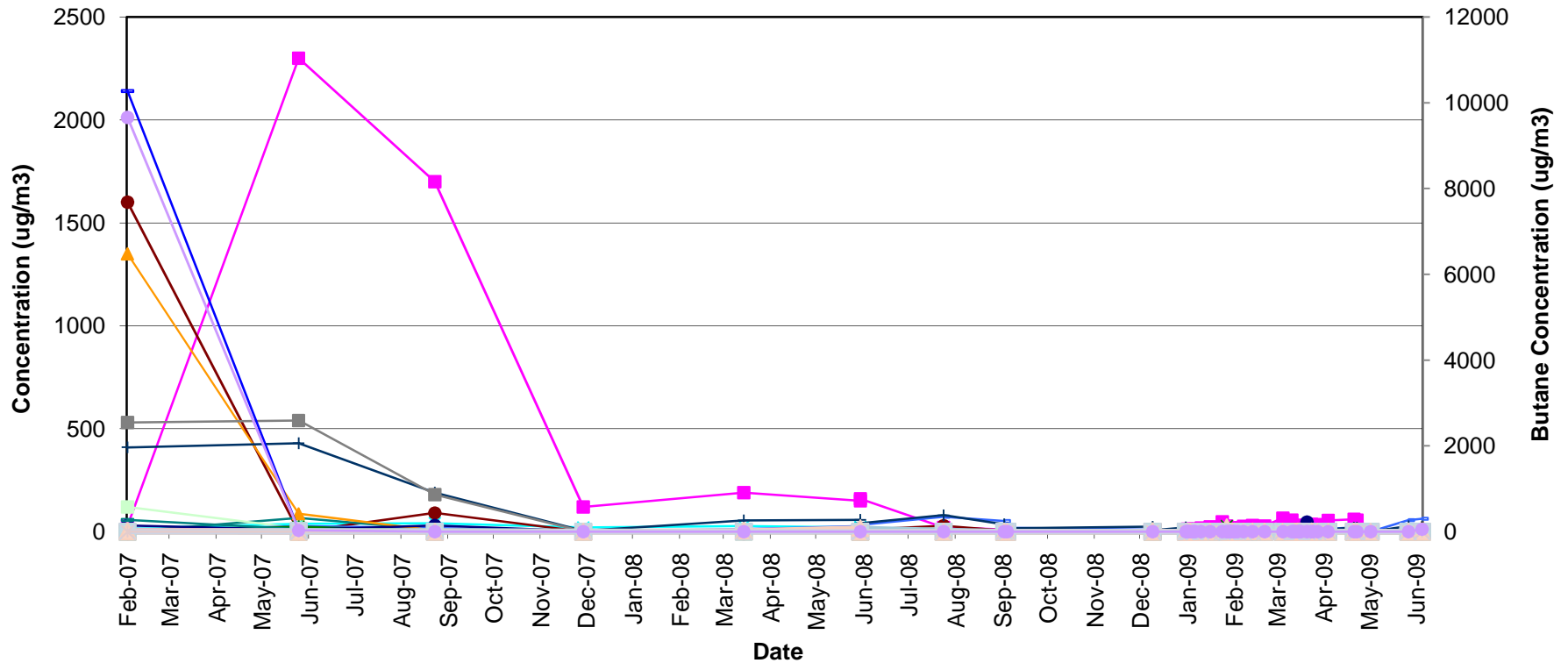


Benzene	Toluene	Ethylbenzene	Xylene, m,p	Xylene, o-
Acetaldehyde	Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene
Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butane
Butanone, 2-	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane
Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane	Cyclohexane
Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-
Dichloroethene, cis-1,2-	Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-
Dodecane, n-	Ethanol	Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-
Hexachlorobutadiene	Hexane, n-	Hexanone, 2-	Hydrogen sulfide	Indan
Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-	Methylene chloride
Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-
Styrene	t-Butyl alcohol	Tetrachloroethene	Tetrachloroethane, 1,1,2,2-	Tetrahydrofuran
Tetramethylbenzene, 1,2,4,5-	Thiophene	Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-
Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene	Trichlorofluoromethane	Trimethylbenzene, 1,2,3-
Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-	Vinyl bromide
Vinyl chloride				

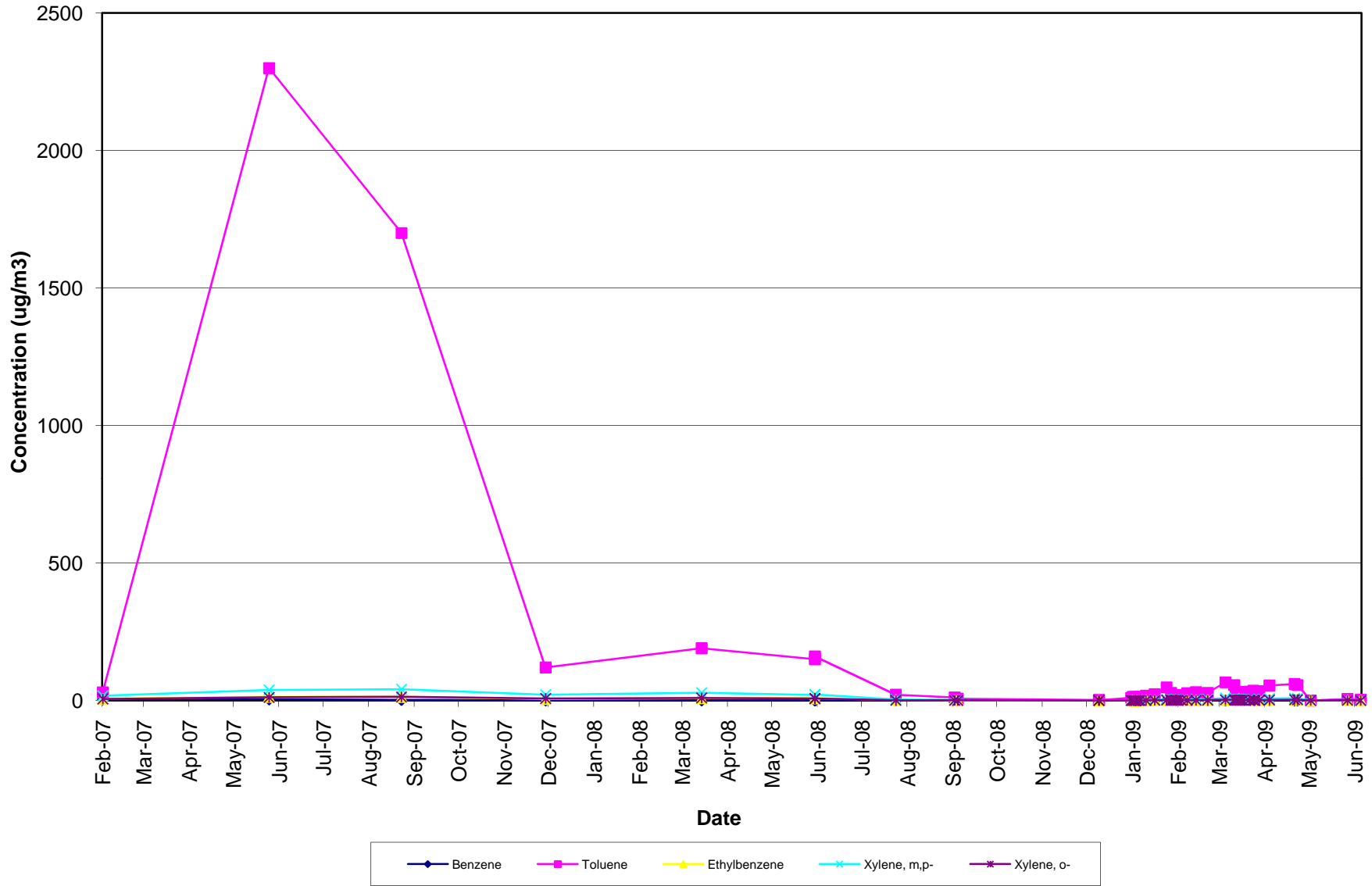
Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG10 BTEX**



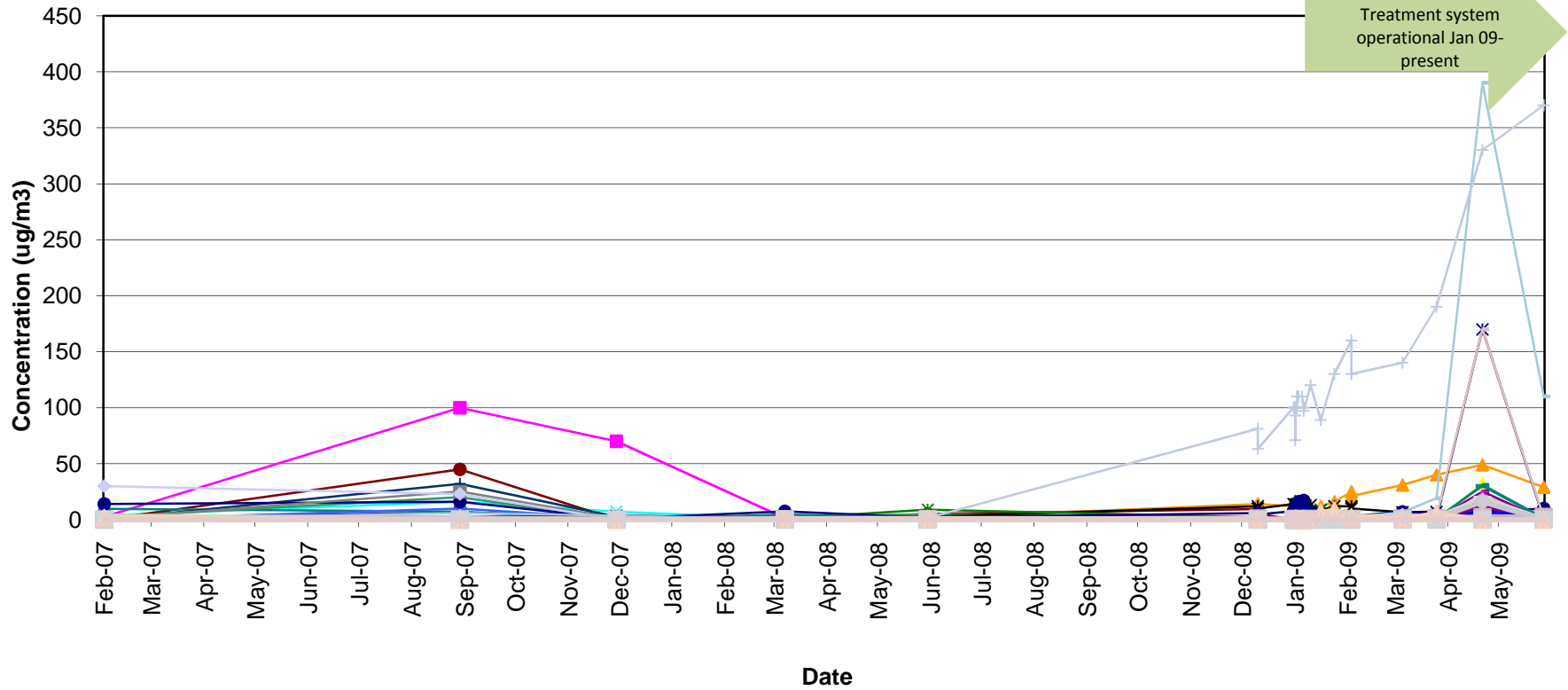
Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG11**



Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG11 BTEX**

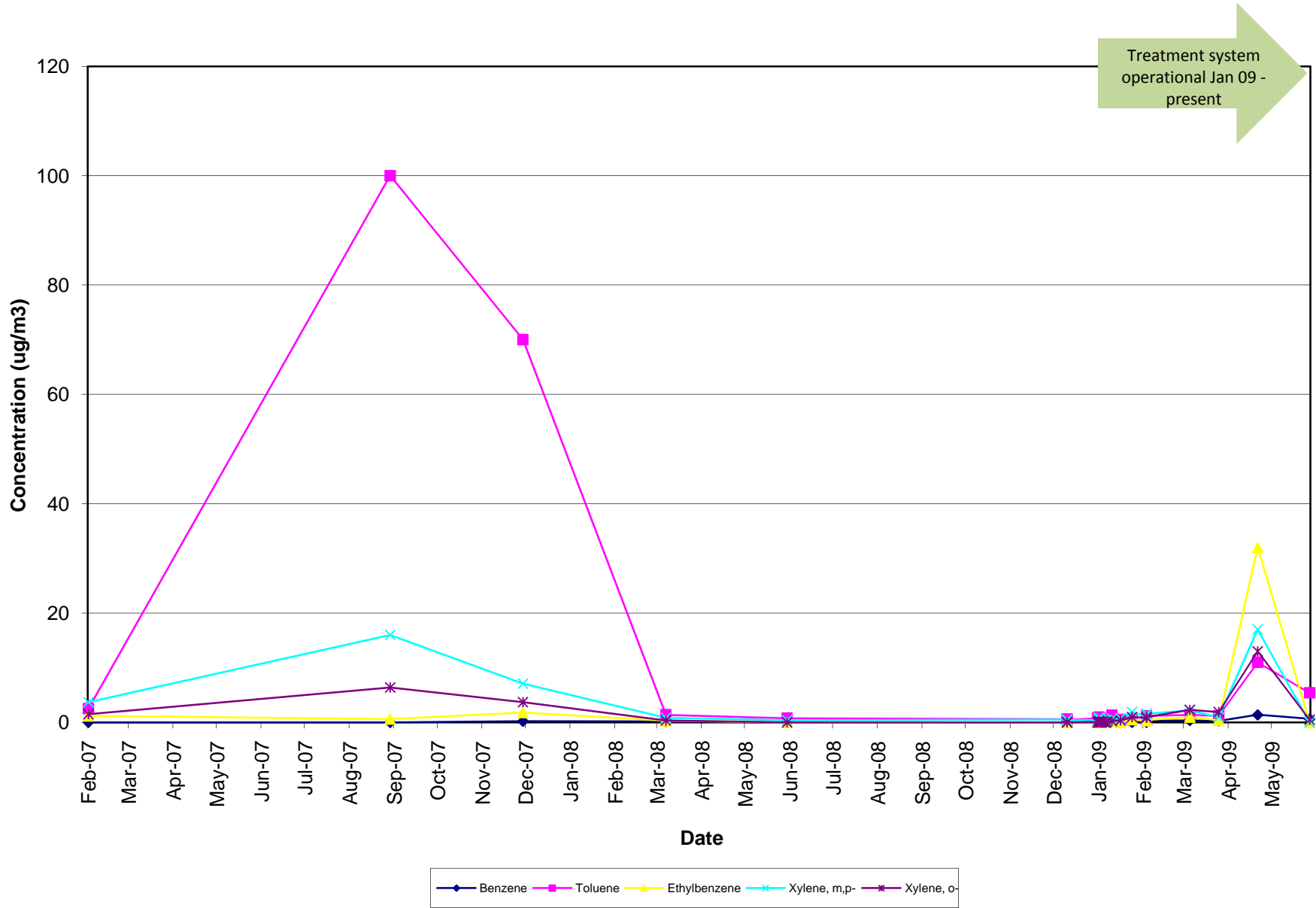


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG12**



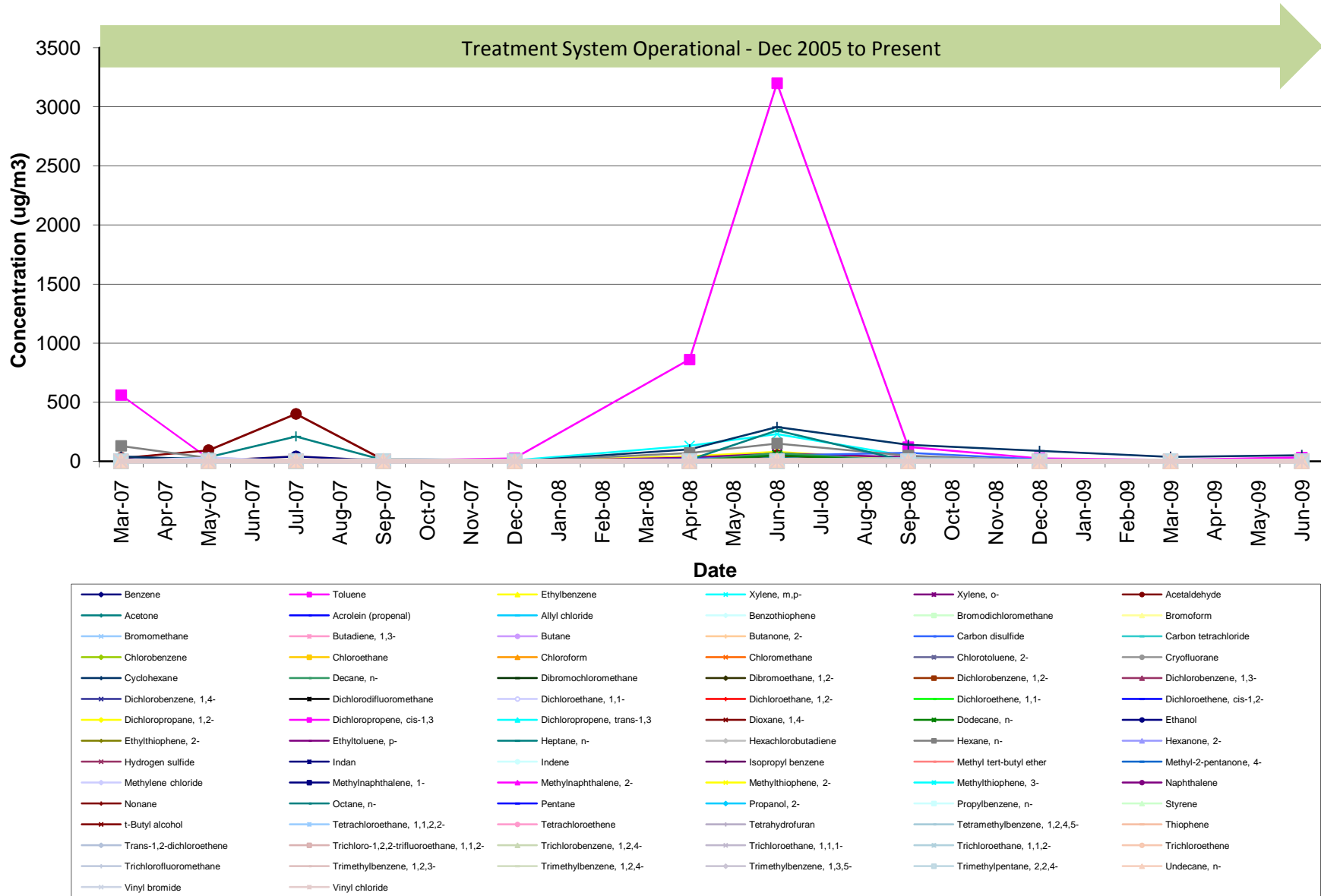
Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG12 BTEX**

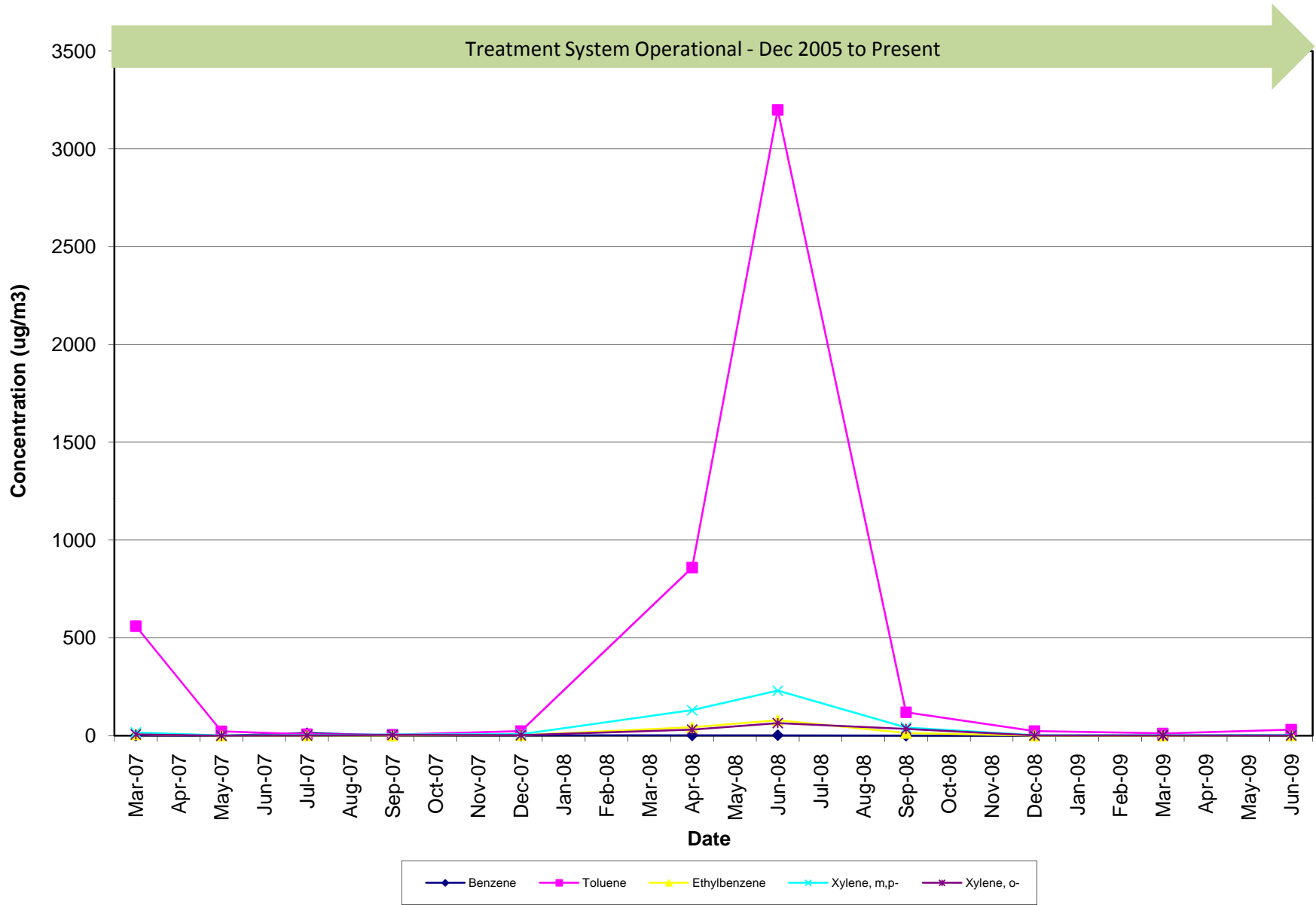




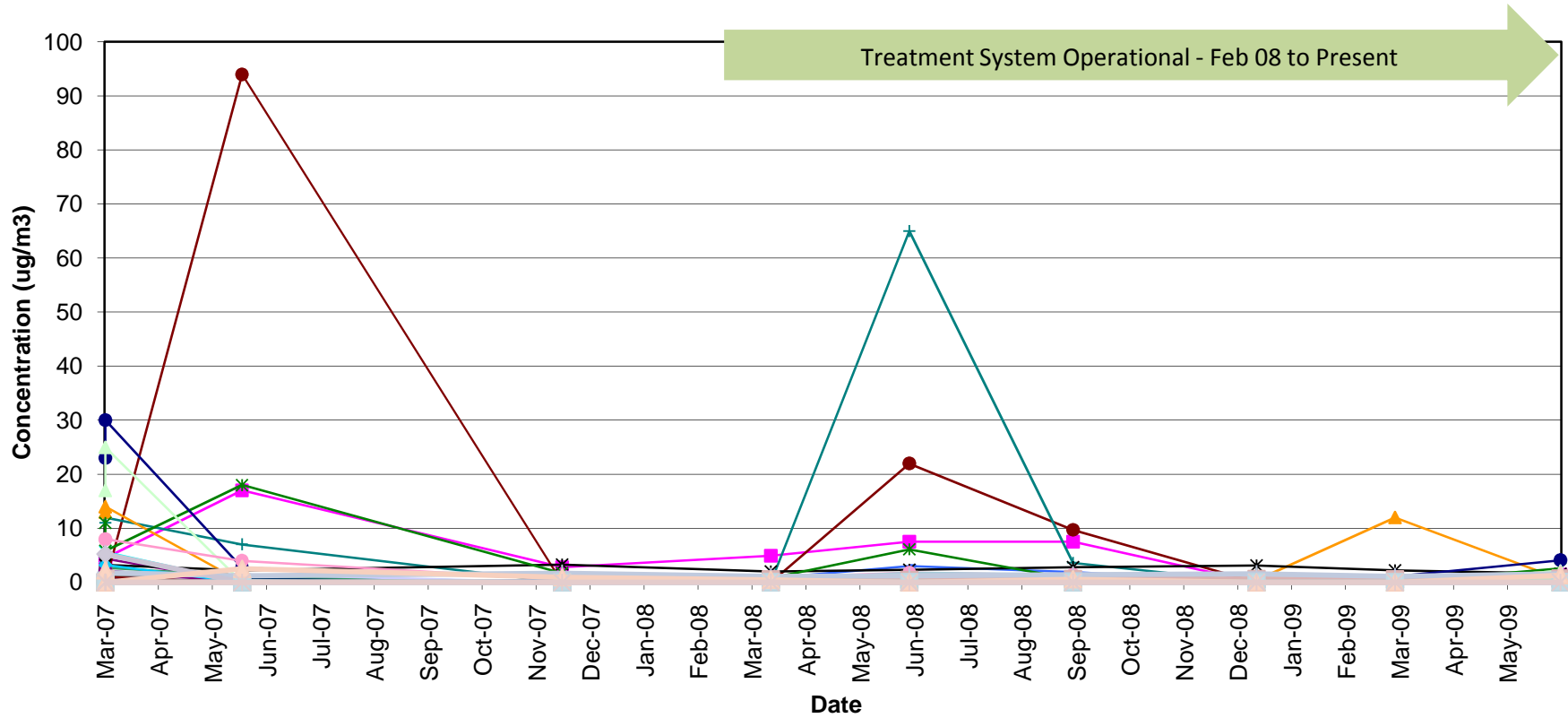
Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG13**



Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG13 BTEX**

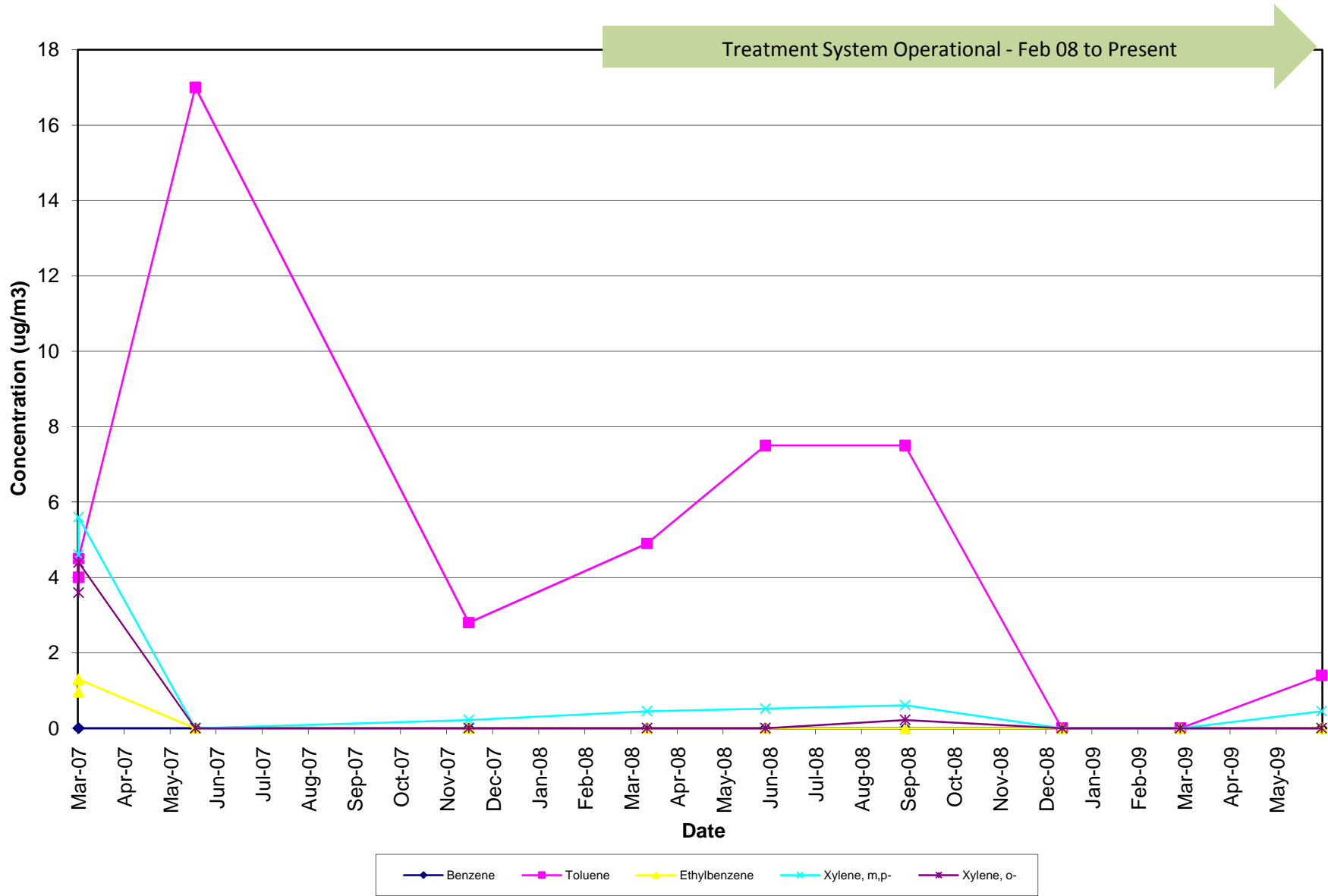


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG14**

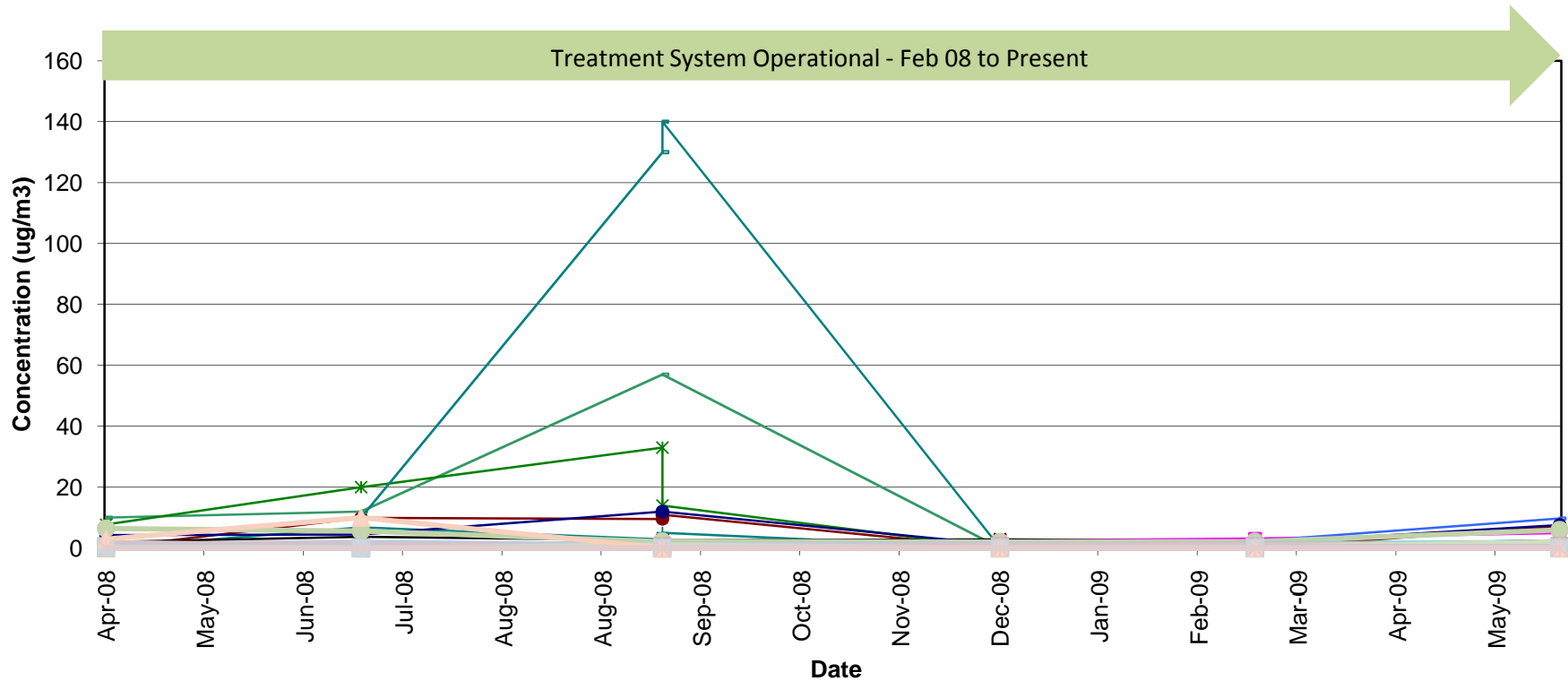


Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothioephene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG14 BTEX**

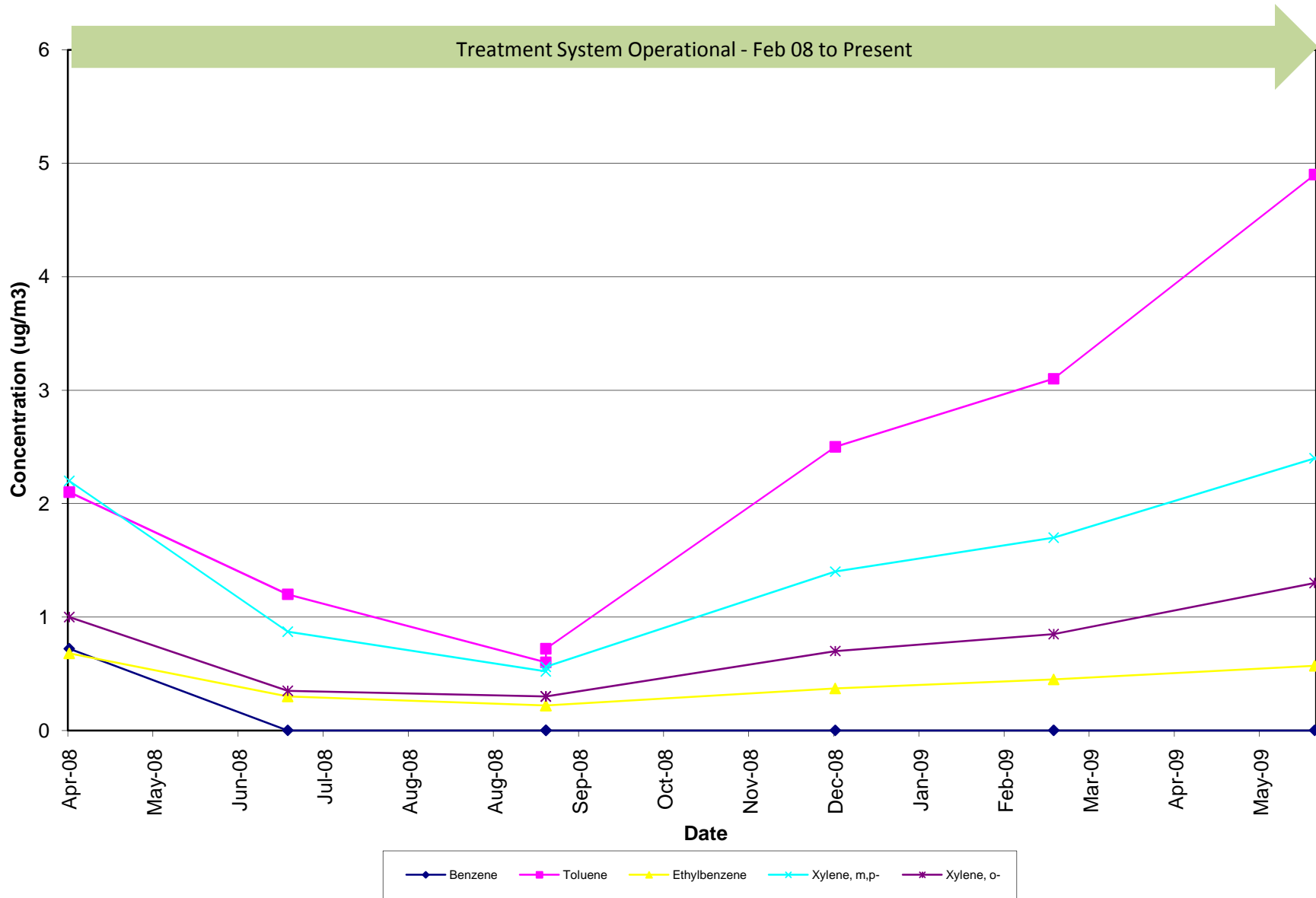


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG15**

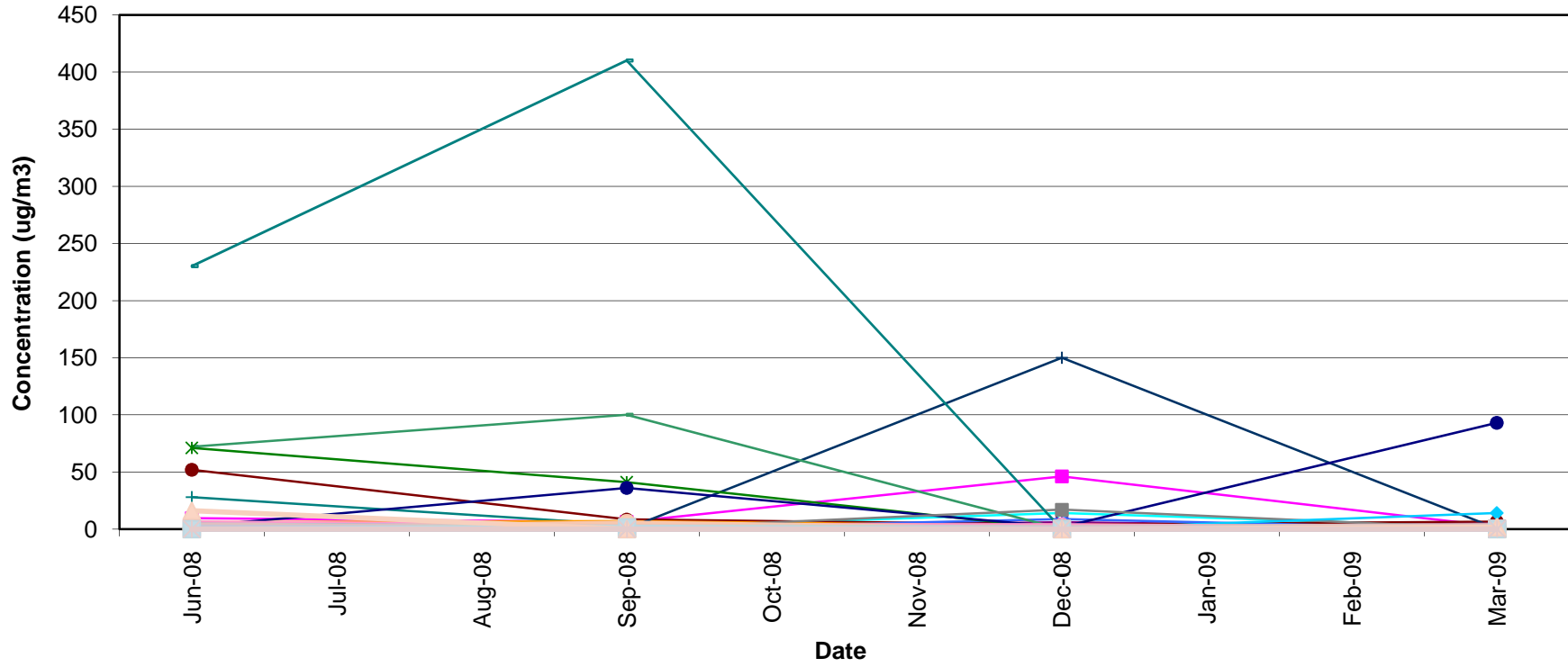


Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG15 BTEX**

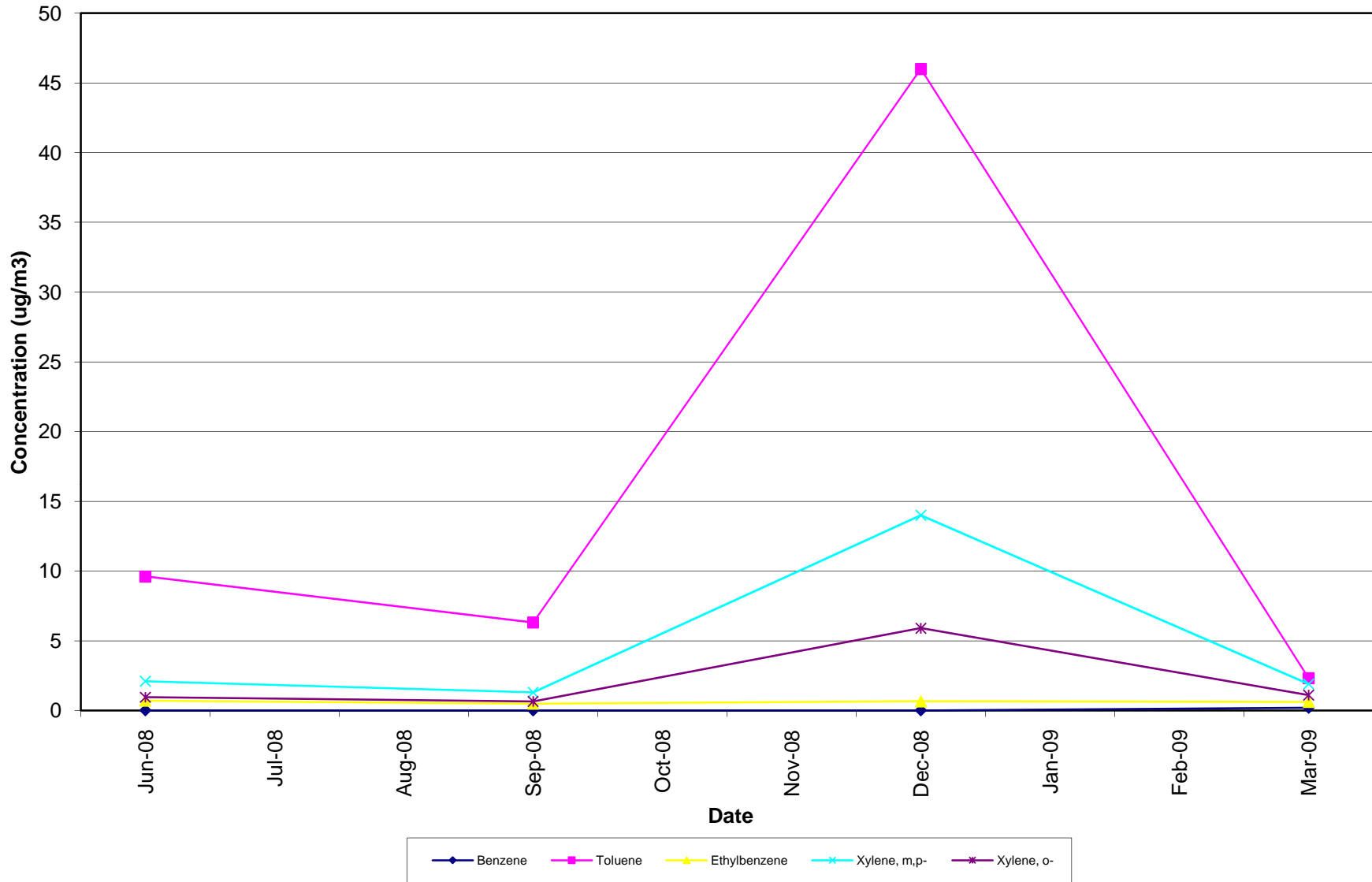


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG16**



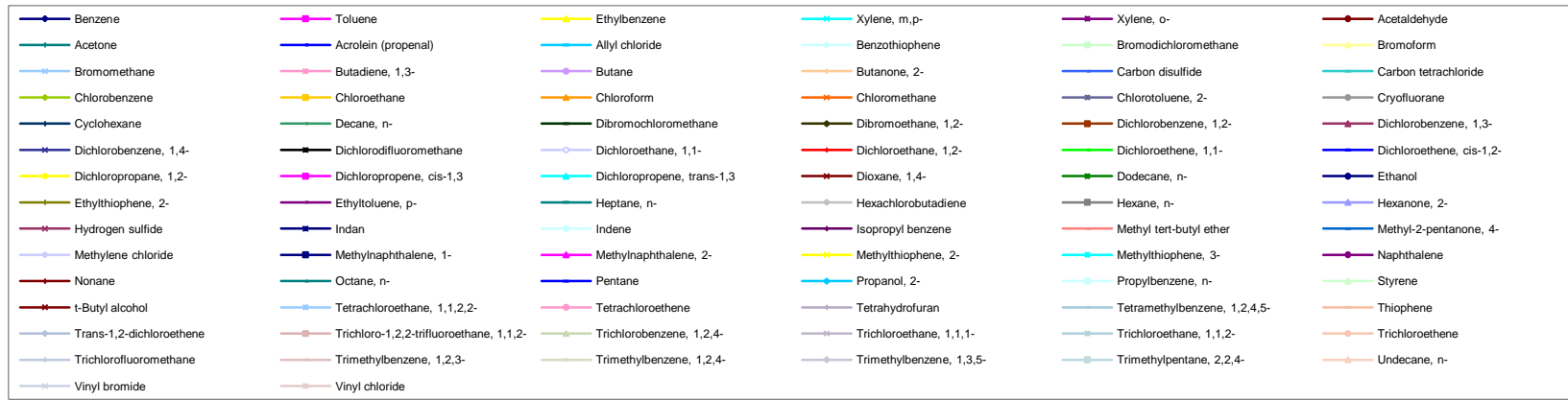
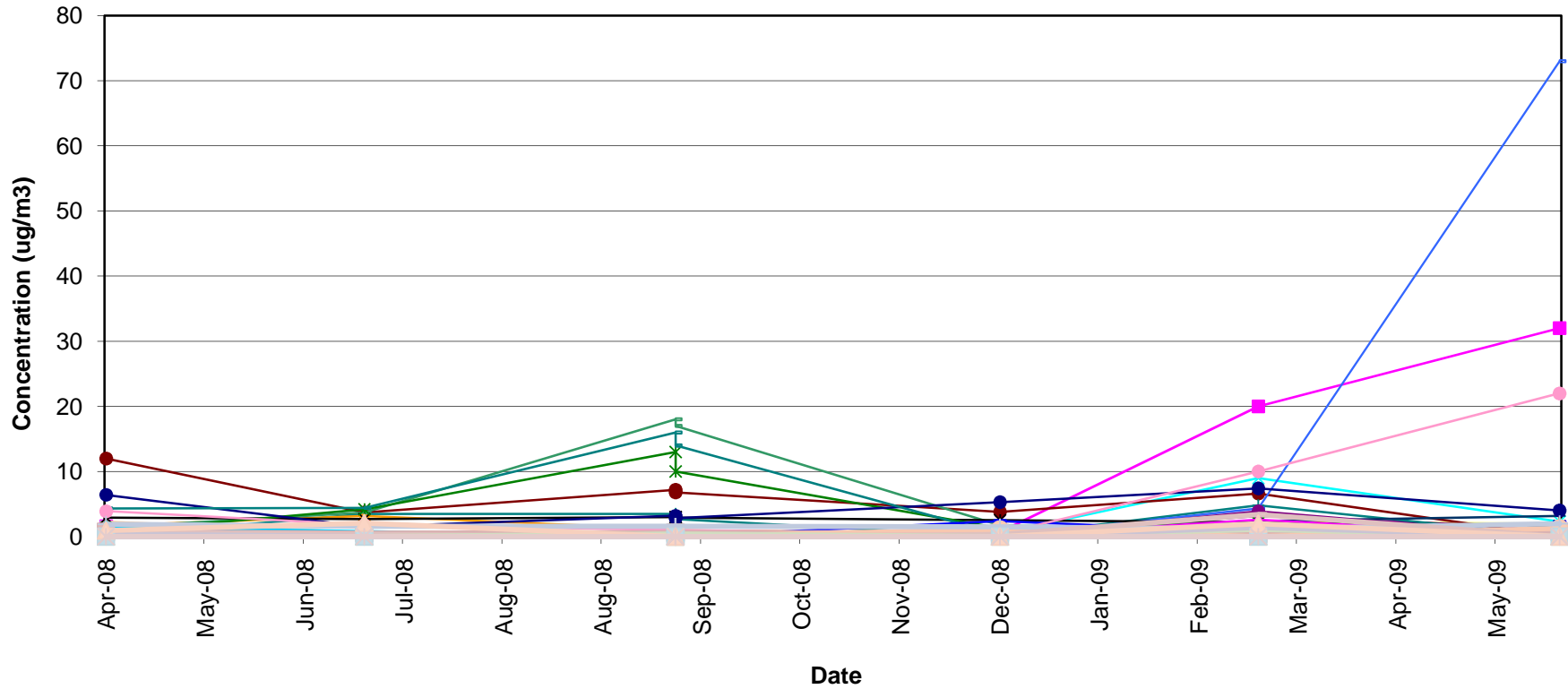
● Benzene	● Toluene	● Ethylbenzene	● Xylene, m,p-	● Xylene, o-	● Acetaldehyde
● Acetone	● Acrolein (propenal)	● Allyl chloride	● Benzothiophene	● Bromodichloromethane	● Bromoform
● Bromomethane	● Butadiene, 1,3-	● Butane	● Butanone, 2-	● Carbon disulfide	● Carbon tetrachloride
● Chlorobenzene	● Chloroethane	● Chloroform	● Chloromethane	● Chlorotoluene, 2-	● Cryofluorane
● Cyclohexane	● Decane, n-	● Dibromochloromethane	● Dibromoethane, 1,2-	● Dichlorobenzene, 1,2-	● Dichlorobenzene, 1,3-
● Dichlorobenzene, 1,4-	● Dichlorodifluoromethane	● Dichloroethane, 1,1-	● Dichloroethane, 1,2-	● Dichloroethene, 1,1-	● Dichloroethene, cis-1,2-
● Dichloropropane, 1,2-	● Dichloropropene, cis-1,3	● Dichloropropene, trans-1,3	● Dioxane, 1,4-	● Dodecane, n-	● Ethanol
● Ethylthiophene, 2-	● Ethyltoluene, p-	● Heptane, n-	● Hexachlorobutadiene	● Hexane, n-	● Hexanone, 2-
● Hydrogen sulfide	● Indan	● Indene	● Isopropyl benzene	● Methyl tert-butyl ether	● Methyl-2-pentanone, 4-
● Methylene chloride	● Methylnaphthalene, 1-	● Methylnaphthalene, 2-	● Methylthiophene, 2-	● Methylthiophene, 3-	● Naphthalene
● Nonane	● Octane, n-	● Pentane	● Propanol, 2-	● Propylbenzene, n-	● Styrene
● t-Butyl alcohol	● Tetrachloroethane, 1,1,2,2-	● Tetrachloroethene	● Tetrahydrofuran	● Tetramethylbenzene, 1,2,4,5-	● Thiophene
● Trans-1,2-dichloroethene	● Trichloro-1,2,2-trifluoroethane, 1,1,2-	● Trichlorobenzene, 1,2,4-	● Trichloroethane, 1,1,1-	● Trichloroethane, 1,1,2-	● Trichloroethene
● Trichlorofluoromethane	● Trimethylbenzene, 1,2,3-	● Trimethylbenzene, 1,2,4-	● Trimethylbenzene, 1,3,5-	● Trimethylpentane, 2,2,4-	● Undecane, n-
● Vinyl bromide	● Vinyl chloride				

Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG16 BTEX**

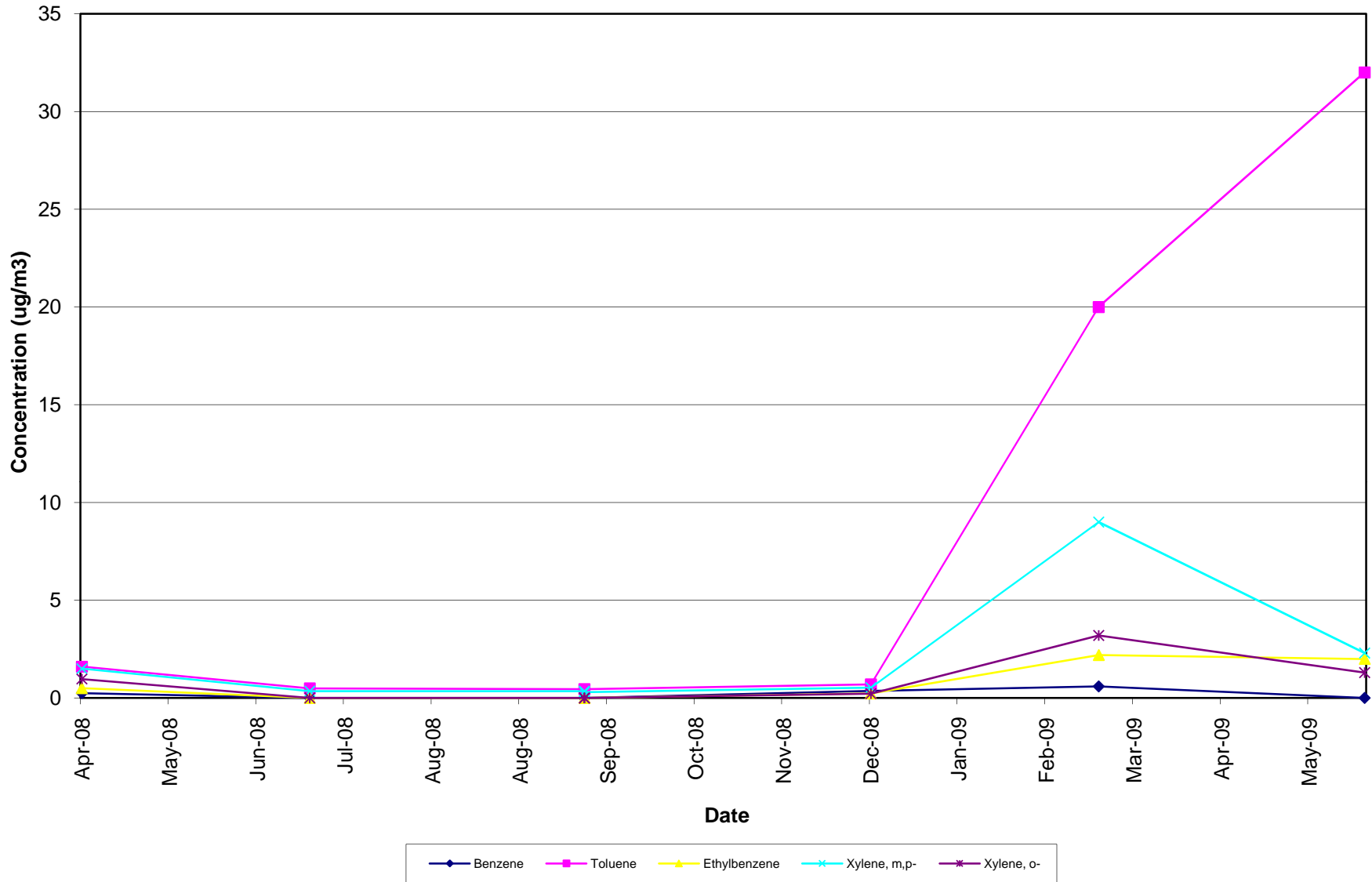




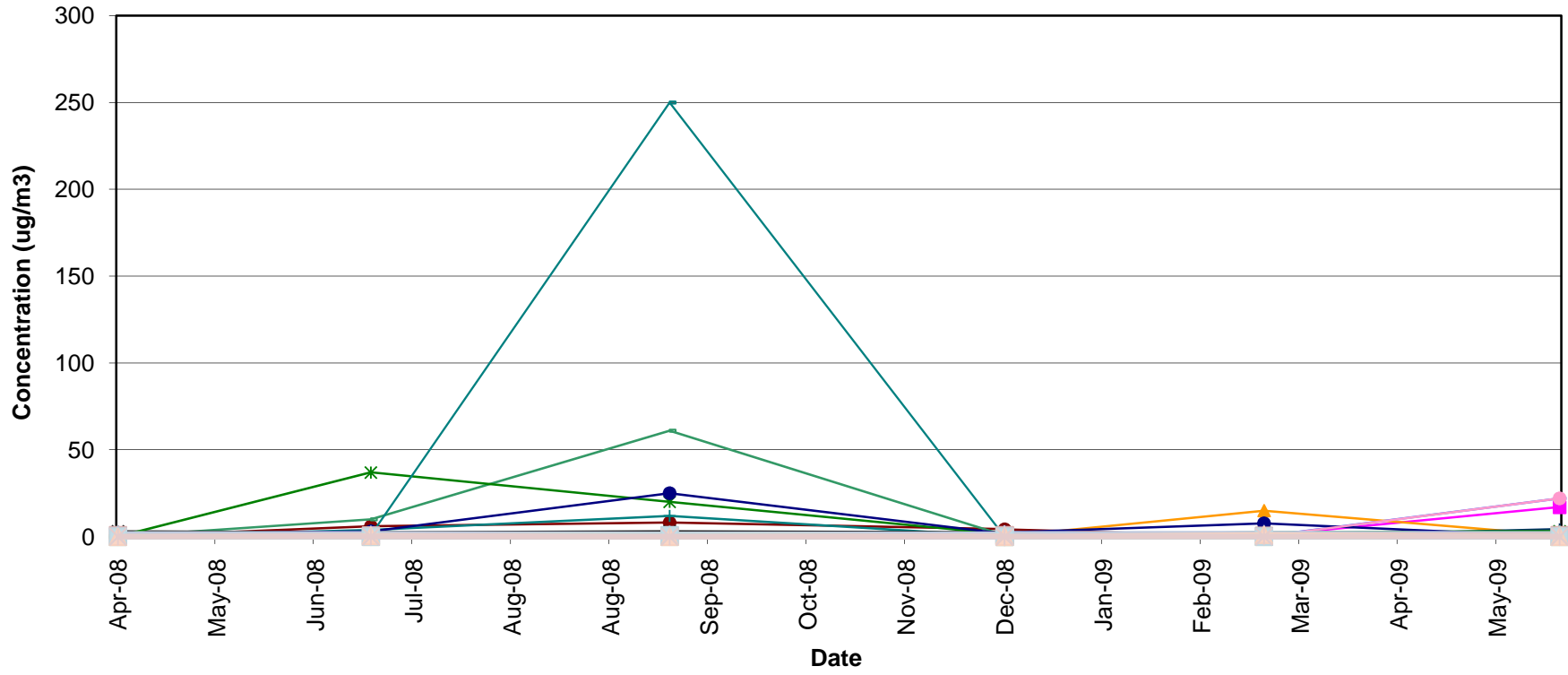
Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG17**



Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG17 BTEX**

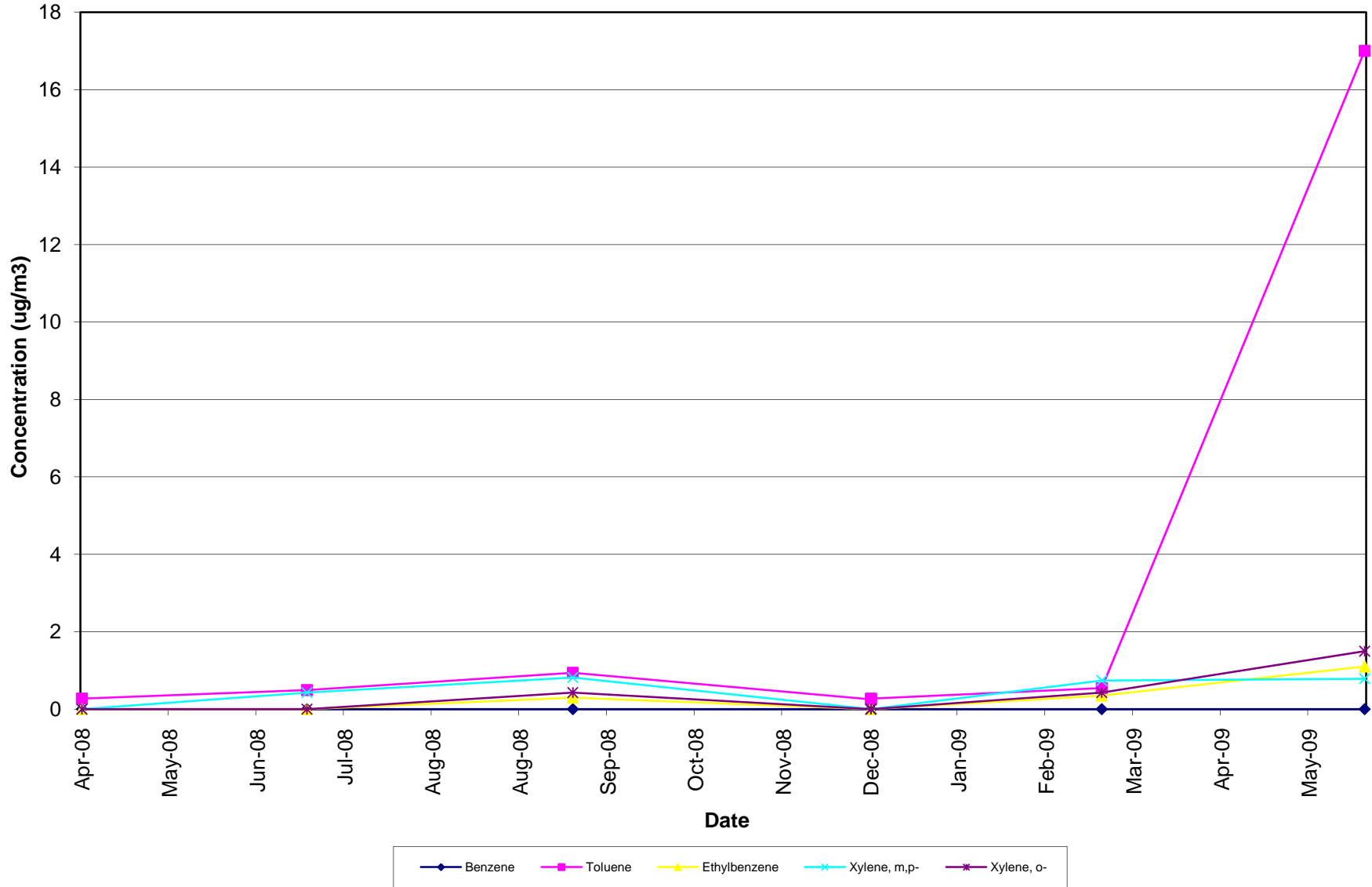


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG18**

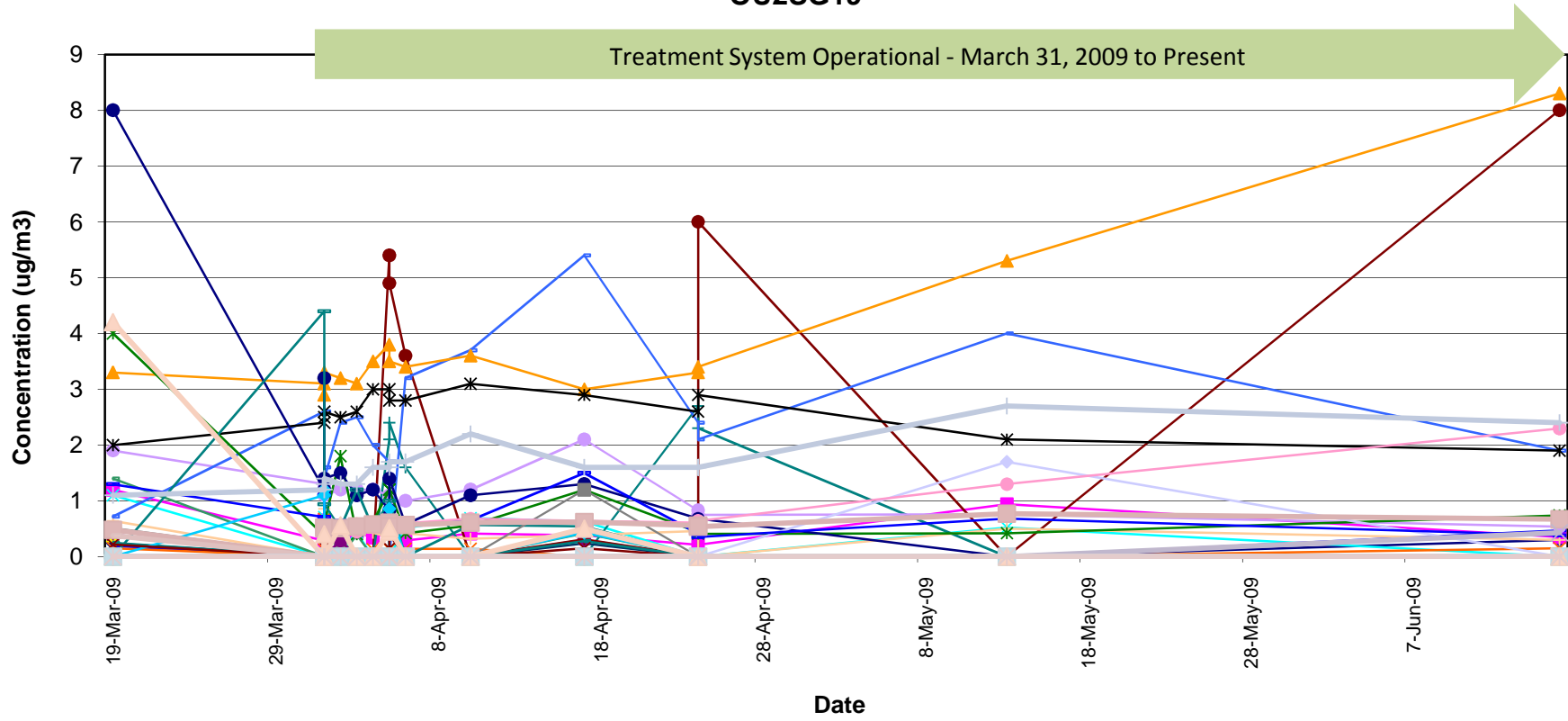


◆ Benzene	◆ Toluene	◆ Ethylbenzene	◆ Xylene, m,p-	◆ Xylene, o-	◆ Acetaldehyde
◆ Acetone	◆ Acrolein (propenal)	◆ Allyl chloride	◆ Benzothiophene	◆ Bromodichloromethane	◆ Bromoform
◆ Bromomethane	◆ Butadiene, 1,3-	◆ Butane	◆ Butanone, 2-	◆ Carbon disulfide	◆ Carbon tetrachloride
◆ Chlorobenzene	◆ Chloroethane	◆ Chloroform	◆ Chloromethane	◆ Chlorotoluene, 2-	◆ Cryofluorane
◆ Cyclohexane	◆ Decane, n-	◆ Dibromochloromethane	◆ Dibromoethane, 1,2-	◆ Dichlorobenzene, 1,2-	◆ Dichlorobenzene, 1,3-
◆ Dichlorobenzene, 1,4-	◆ Dichlorodifluoromethane	◆ Dichloroethane, 1,1-	◆ Dichloroethane, 1,2-	◆ Dichloroethene, 1,1-	◆ Dichloroethene, cis-1,2-
◆ Dichloropropane, 1,2-	◆ Dichloropropene, cis-1,3	◆ Dichloropropene, trans-1,3	◆ Dioxane, 1,4-	◆ Dodecane, n-	◆ Ethanol
◆ Ethylthiophene, 2-	◆ Ethyltoluene, p-	◆ Heptane, n-	◆ Hexachlorobutadiene	◆ Hexane, n-	◆ Hexanone, 2-
◆ Hydrogen sulfide	◆ Indan	◆ Indene	◆ Isopropyl benzene	◆ Methyl tert-butyl ether	◆ Methyl-2-pentanone, 4-
◆ Methylene chloride	◆ Methylnaphthalene, 1-	◆ Methylnaphthalene, 2-	◆ Methylthiophene, 2-	◆ Methylthiophene, 3-	◆ Naphthalene
◆ Nonane	◆ Octane, n-	◆ Pentane	◆ Propanol, 2-	◆ Propylbenzene, n-	◆ Styrene
◆ t-Butyl alcohol	◆ Tetrachloroethane, 1,1,2,2-	◆ Tetrachloroethene	◆ Tetrahydrofuran	◆ Tetramethylbenzene, 1,2,4,5-	◆ Thiophene
◆ Trans-1,2-dichloroethene	◆ Trichloro-1,2,2-trifluoroethane, 1,1,2-	◆ Trichlorobenzene, 1,2,4-	◆ Trichloroethane, 1,1,1-	◆ Trichloroethane, 1,1,2-	◆ Trichloroethene
◆ Trichlorofluoromethane	◆ Trimethylbenzene, 1,2,3-	◆ Trimethylbenzene, 1,2,4-	◆ Trimethylbenzene, 1,3,5-	◆ Trimethylpentane, 2,2,4-	◆ Undecane, n-
◆ Vinyl bromide	◆ Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG18 BTEX**

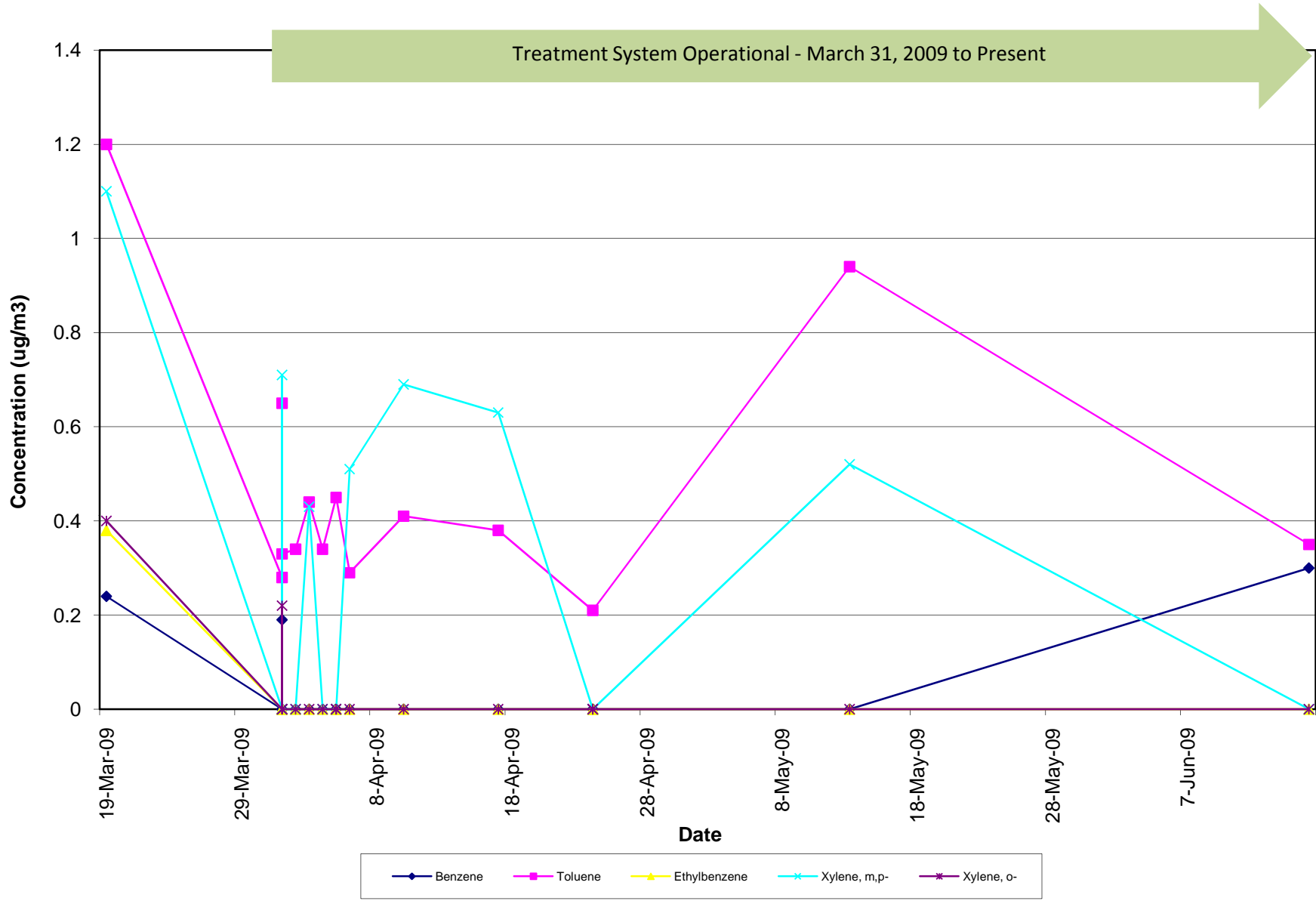


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG19**

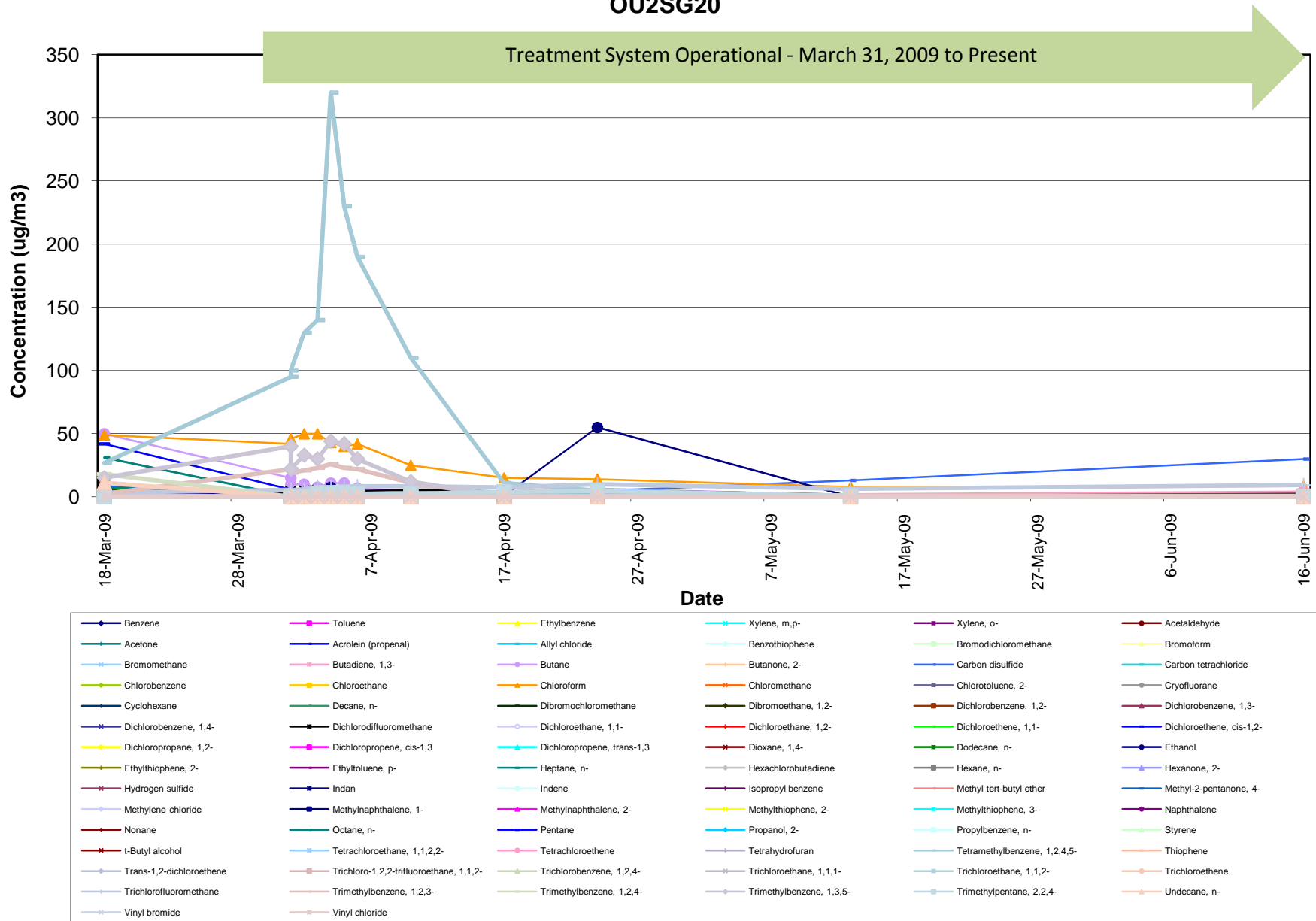


Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

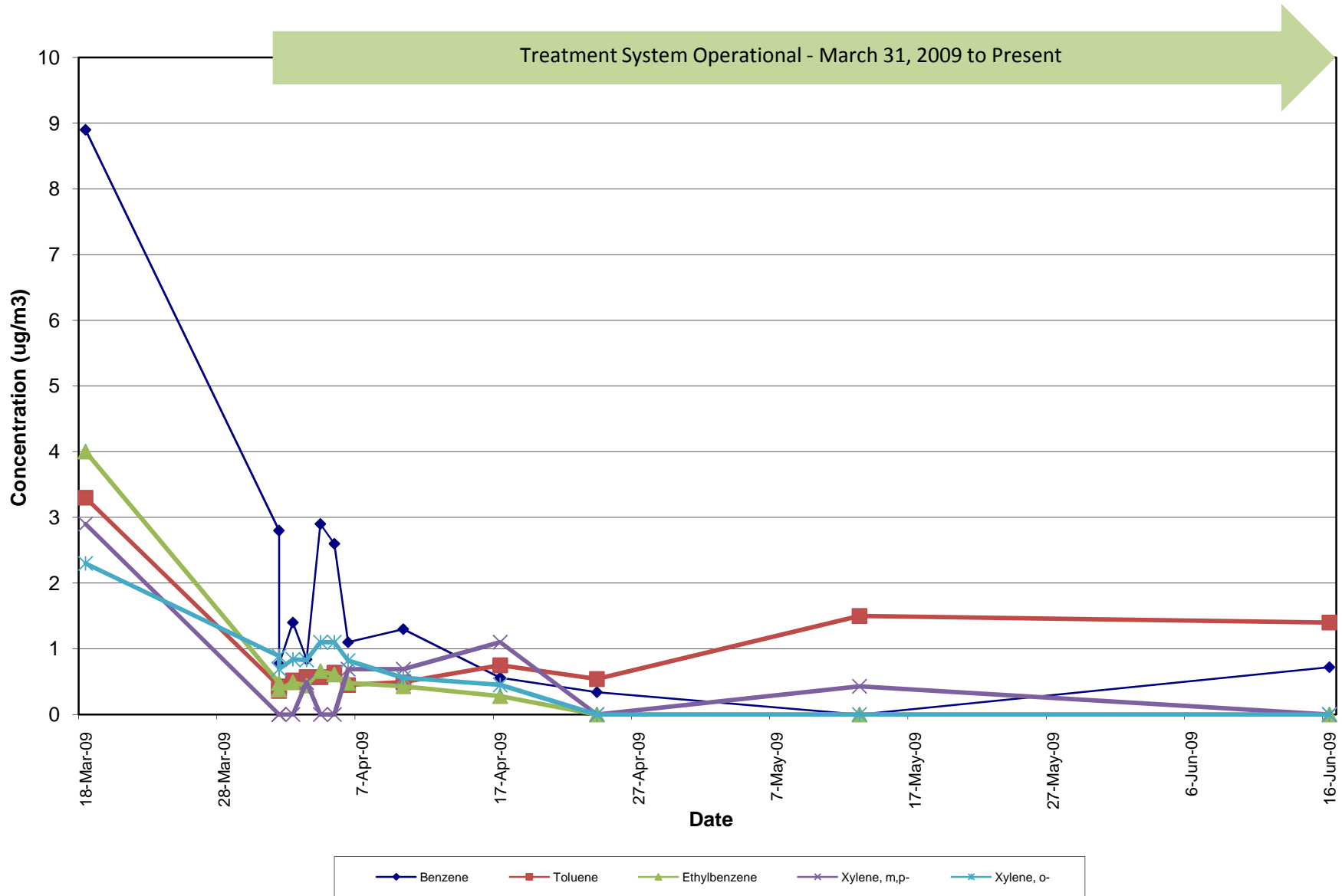
Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG19 BTEX**



Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG20**

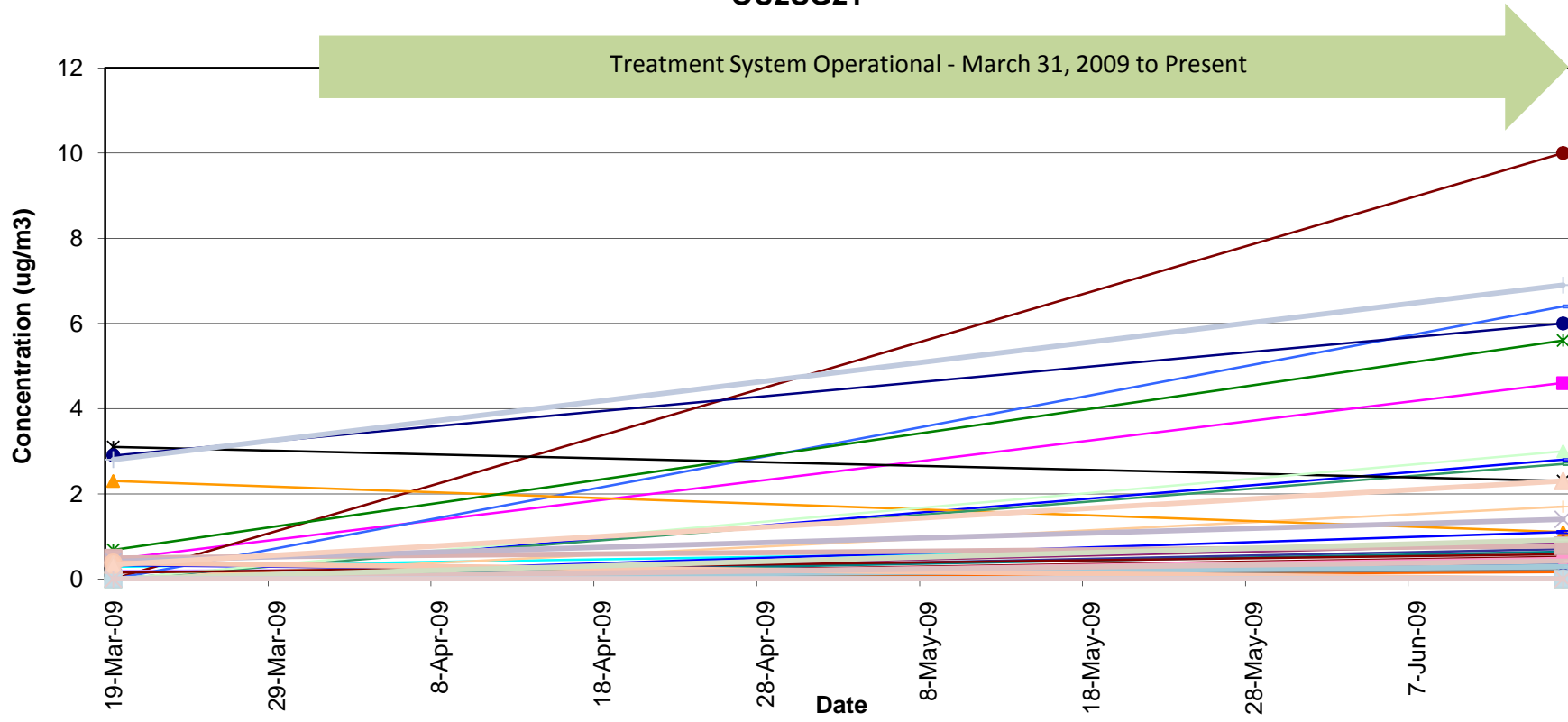


Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG20 BTEX**



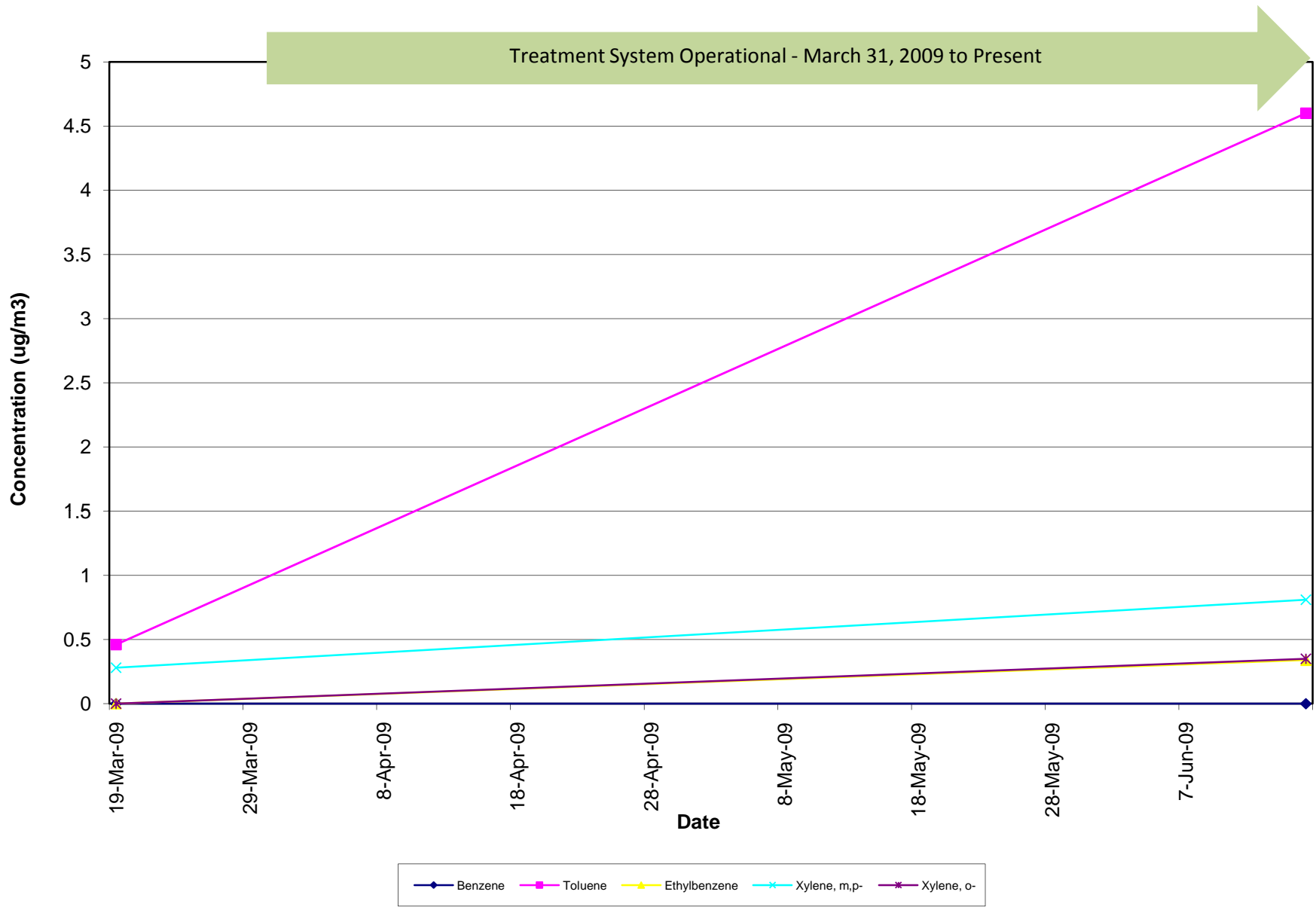


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG21**

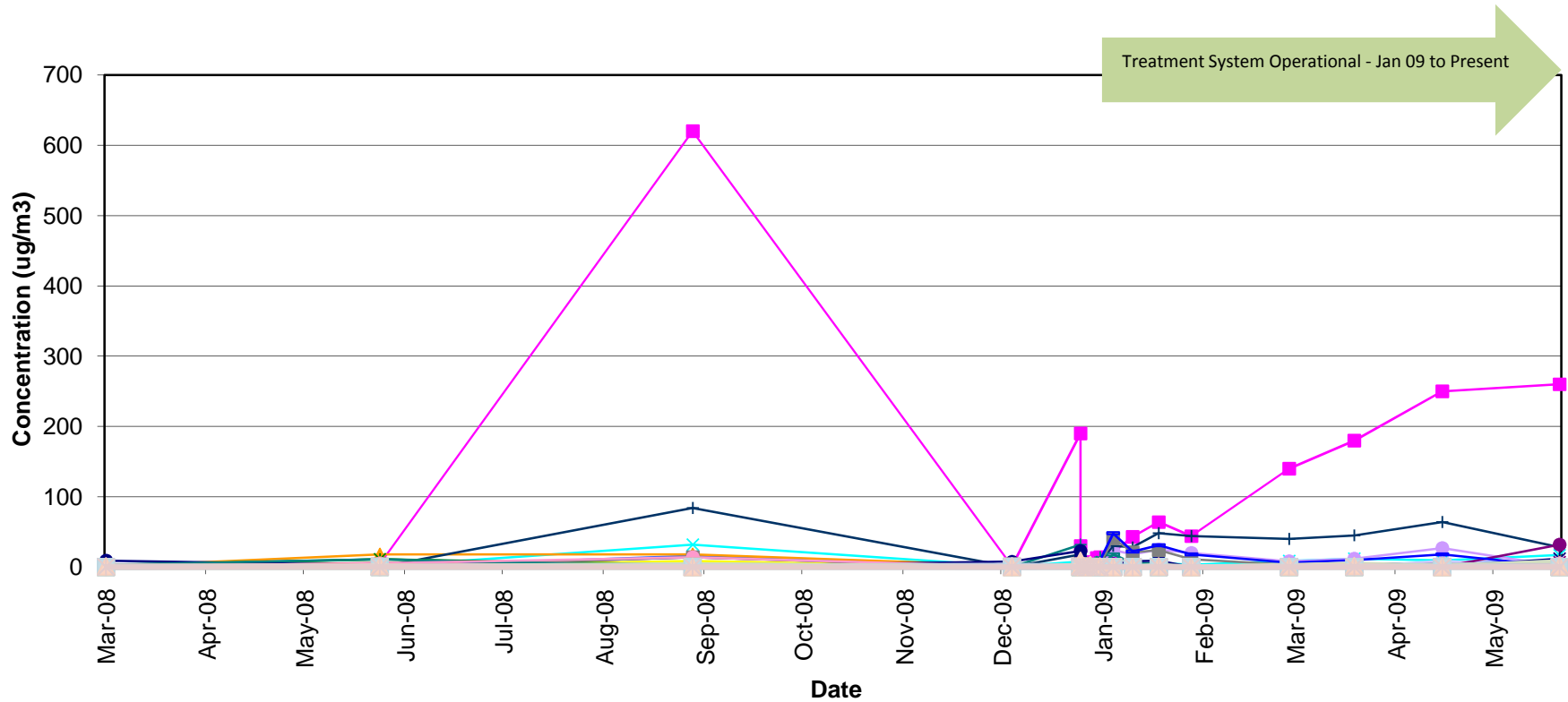


◆ Benzene	◆ Toluene	◆ Ethylbenzene	◆ Xylene, m,p	◆ Xylene, o-	◆ Acetaldehyde
◆ Acetone	◆ Acrolein (propenal)	◆ Allyl chloride	◆ Benzothiophene	◆ Bromodichloromethane	◆ Bromoform
◆ Bromomethane	◆ Butadiene, 1,3-	◆ Butane	◆ Butanone, 2-	◆ Carbon disulfide	◆ Carbon tetrachloride
◆ Chlorobenzene	◆ Chloroethane	◆ Chloroform	◆ Chloromethane	◆ Chlorotoluene, 2-	◆ Cryofluorane
◆ Cyclohexane	◆ Decane, n-	◆ Dibromochloromethane	◆ Dibromoethane, 1,2-	◆ Dichlorobenzene, 1,2-	◆ Dichlorobenzene, 1,3-
◆ Dichlorobenzene, 1,4-	◆ Dichlorodifluoromethane	◆ Dichloroethane, 1,1-	◆ Dichloroethane, 1,2-	◆ Dichloroethene, 1,1-	◆ Dichloroethene, cis-1,2-
◆ Dichloropropane, 1,2-	◆ Dichloropropene, cis-1,3	◆ Dichloropropene, trans-1,3	◆ Dioxane, 1,4-	◆ Dodecane, n-	◆ Ethanol
◆ Ethylthiophene, 2-	◆ Ethyltoluene, p-	◆ Heptane, n-	◆ Hexachlorobutadiene	◆ Hexane, n-	◆ Hexanone, 2-
◆ Hydrogen sulfide	◆ Indan	◆ Indene	◆ Isopropyl benzene	◆ Methyl tert-butyl ether	◆ Methyl-2-pentanone, 4-
◆ Methylene chloride	◆ Methylnaphthalene, 1-	◆ Methylnaphthalene, 2-	◆ Methylthiophene, 2-	◆ Methylthiophene, 3-	◆ Naphthalene
◆ Nonane	◆ Octane, n-	◆ Pentane	◆ Propanol, 2-	◆ Propylbenzene, n-	◆ Styrene
◆ t-Butyl alcohol	◆ Tetrachloroethane, 1,1,2,2-	◆ Tetrachloroethene	◆ Tetrahydrofuran	◆ Tetramethylbenzene, 1,2,4,5-	◆ Thiophene
◆ Trans-1,2-dichloroethene	◆ Trichloro-1,2,2-trifluoroethane, 1,1,2-	◆ Trichlorobenzene, 1,2,4-	◆ Trichloroethane, 1,1,1-	◆ Trichloroethane, 1,1,2-	◆ Trichloroethene
◆ Trichlorofluoromethane	◆ Trimethylbenzene, 1,2,3-	◆ Trimethylbenzene, 1,2,4-	◆ Trimethylbenzene, 1,3,5-	◆ Trimethylpentane, 2,2,4-	◆ Undecane, n-
◆ Vinyl bromide	◆ Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG21 BTEX**

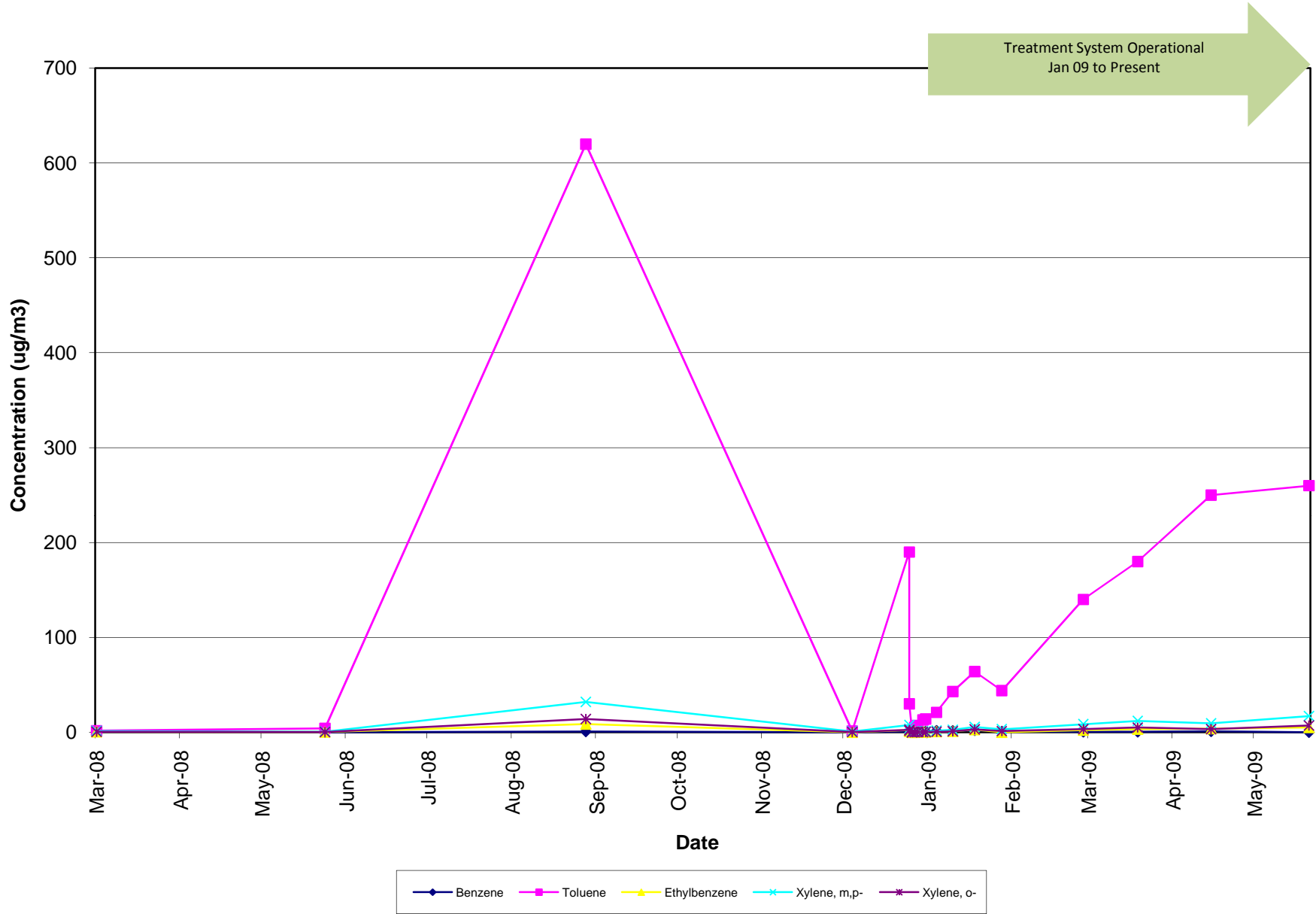


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG22**

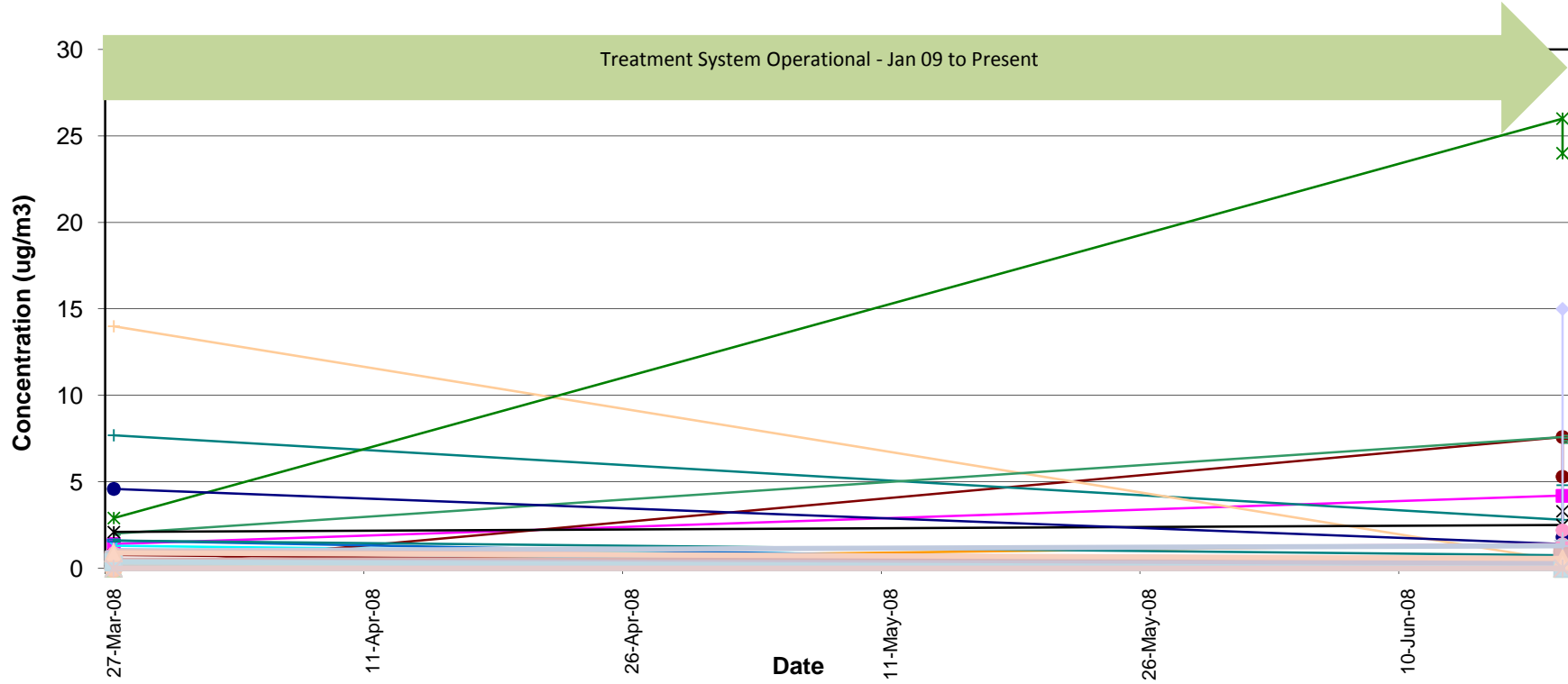


Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG22 BTEX**

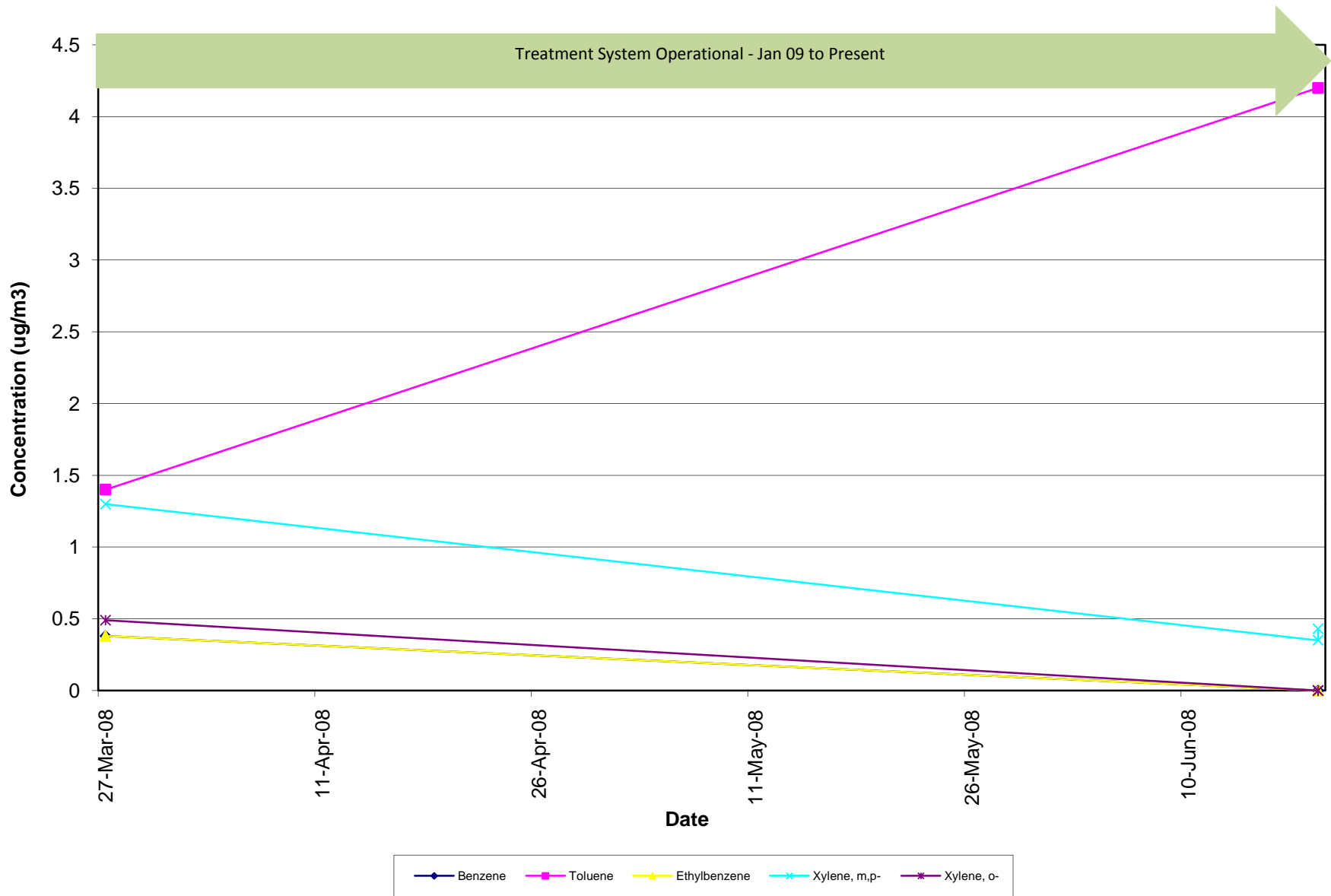


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG23**

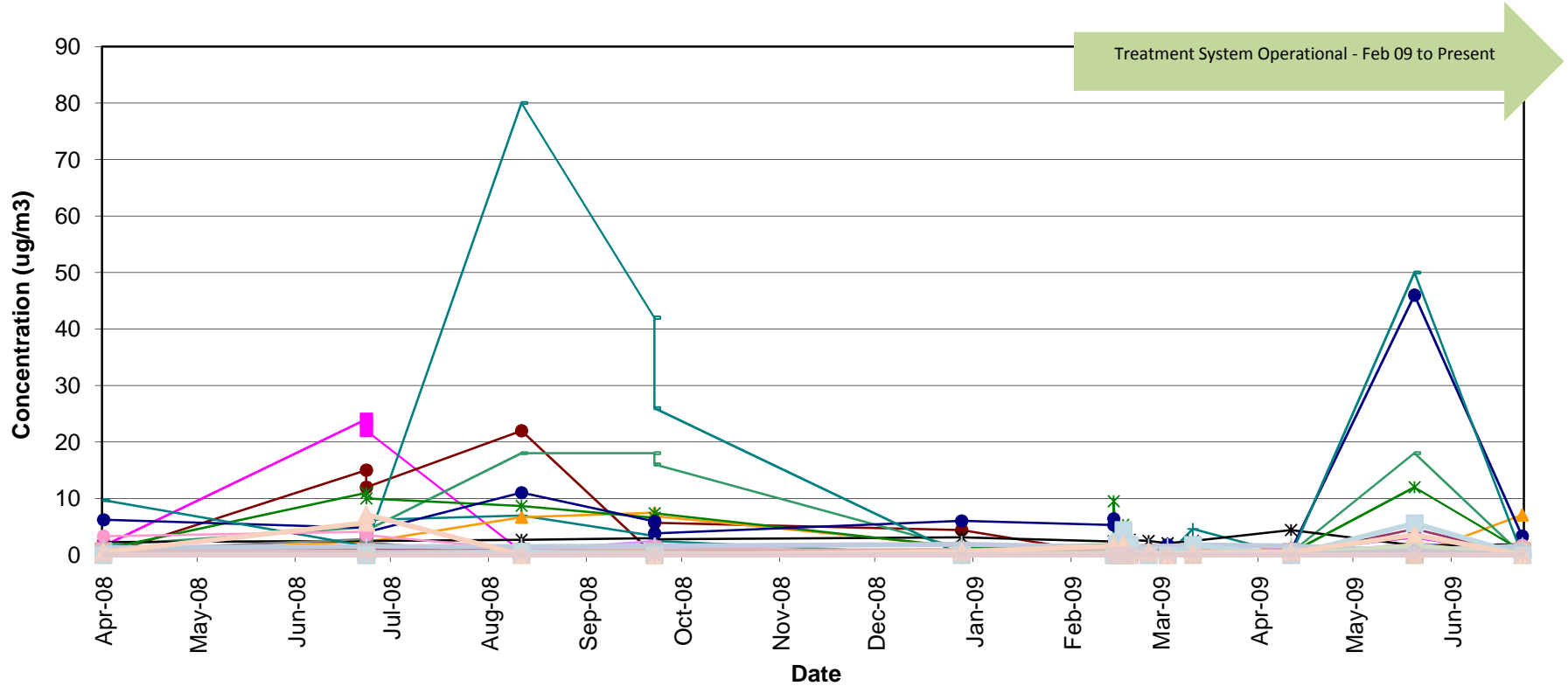


Benzene	Toluene	Ethylbenzene	Xylene, m.p.	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG23 BTEX**

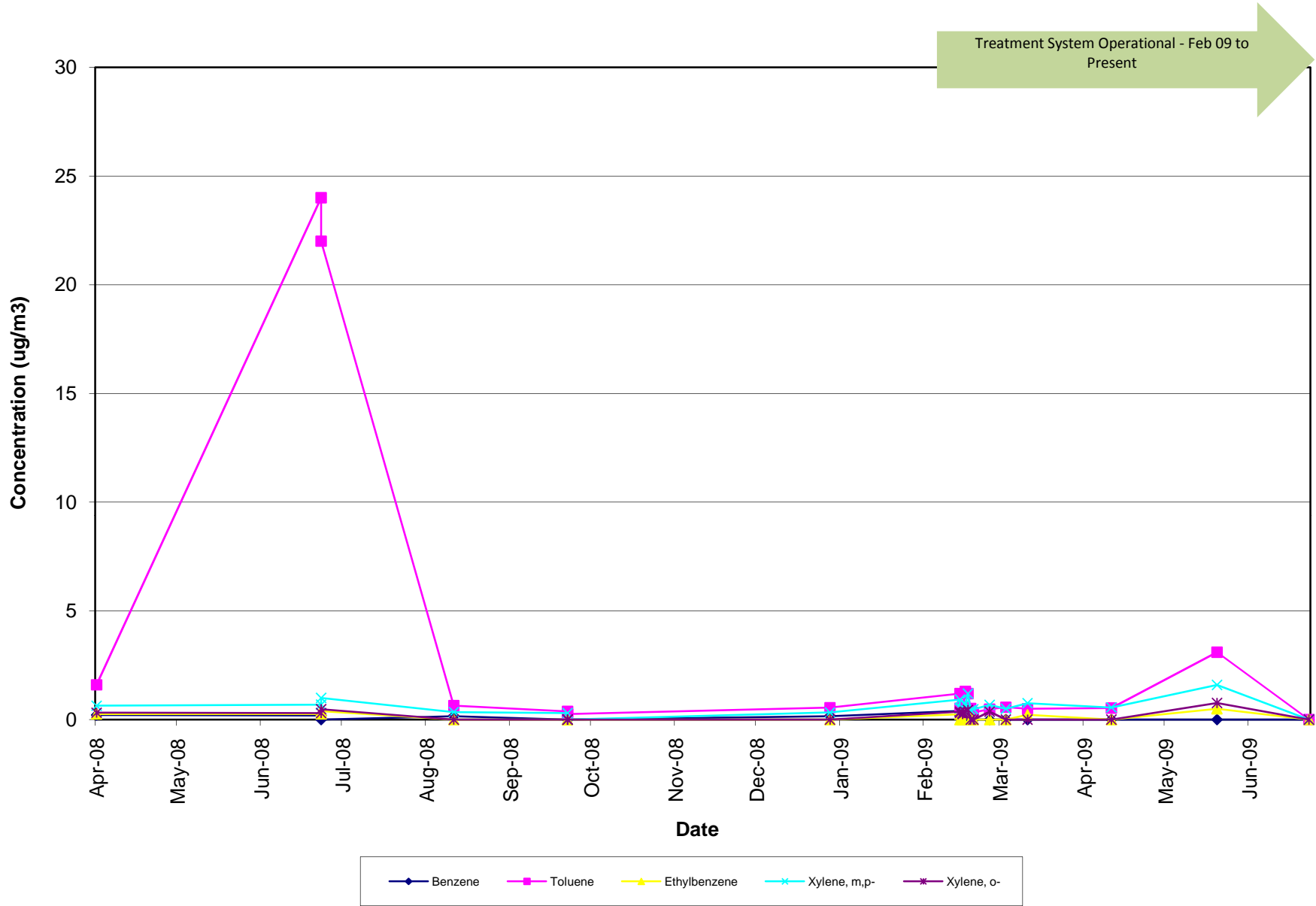


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG24**



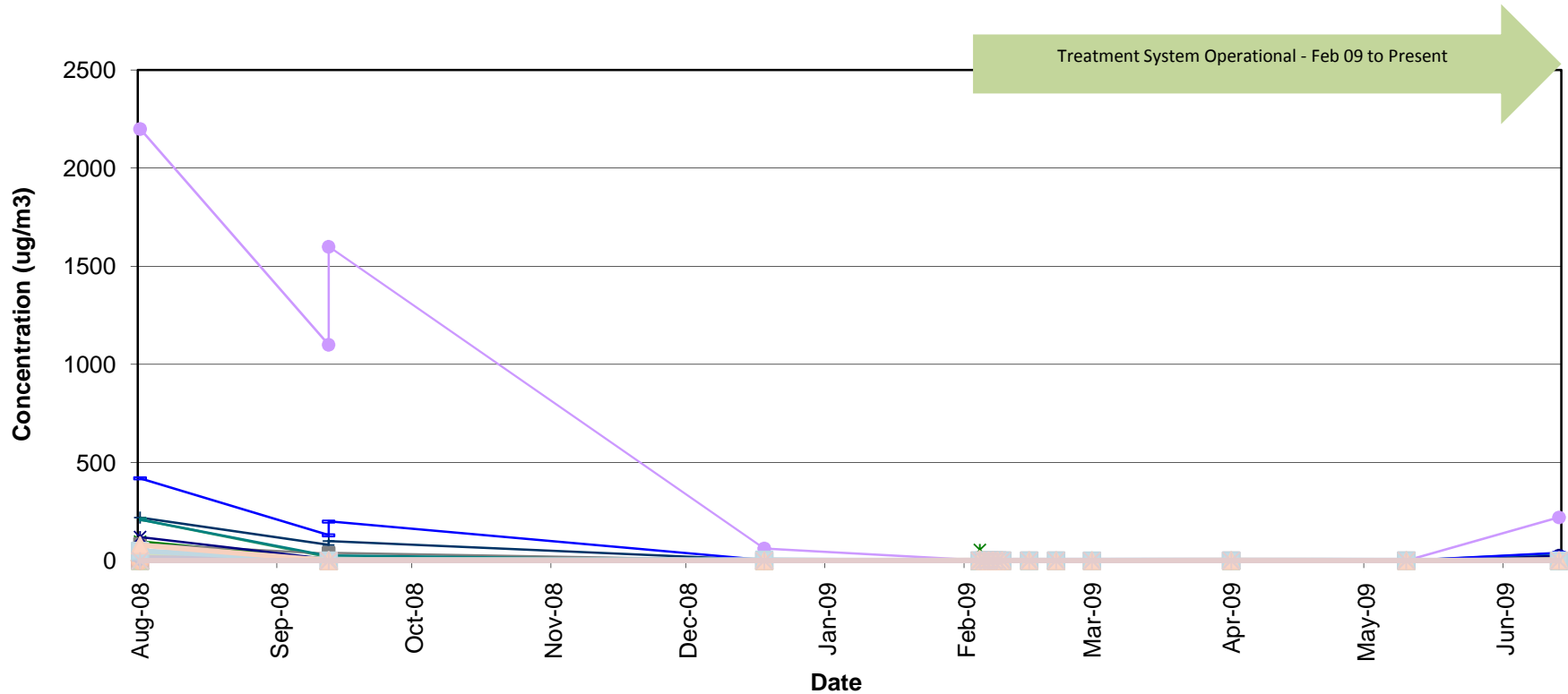
Benzene	Toluene	Ethylbenzene	Xylene, m,p	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG24 BTEX**



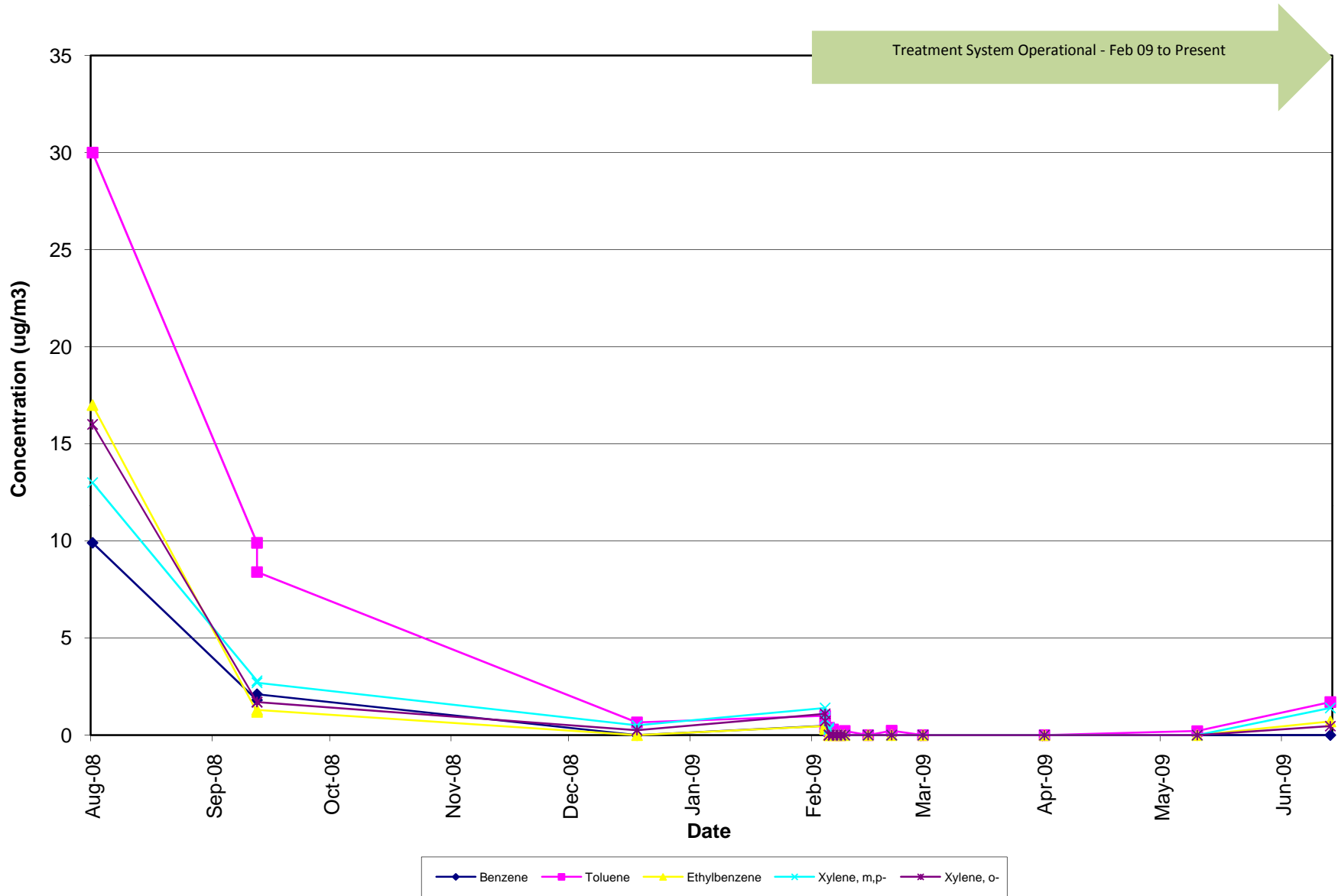


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG25**

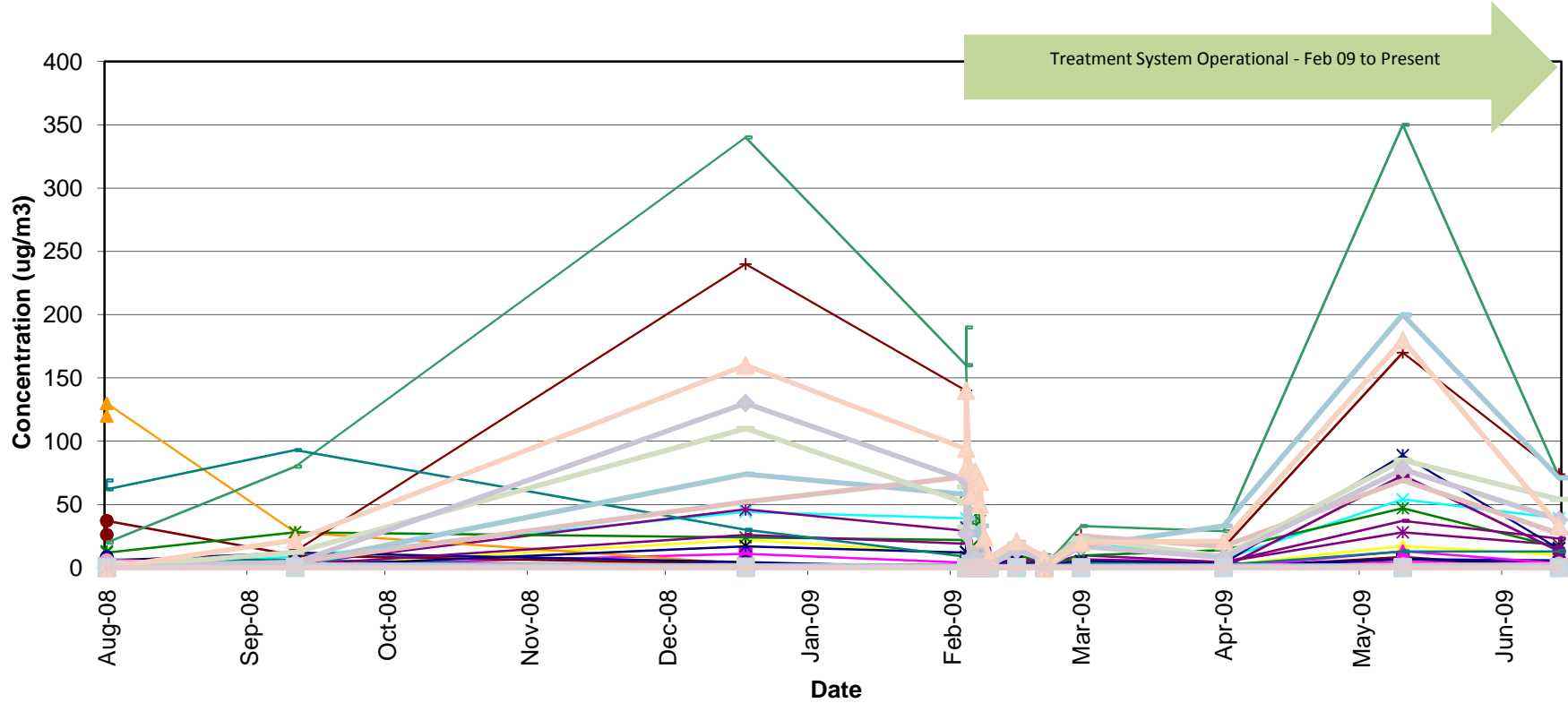


Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG25 BTEX**

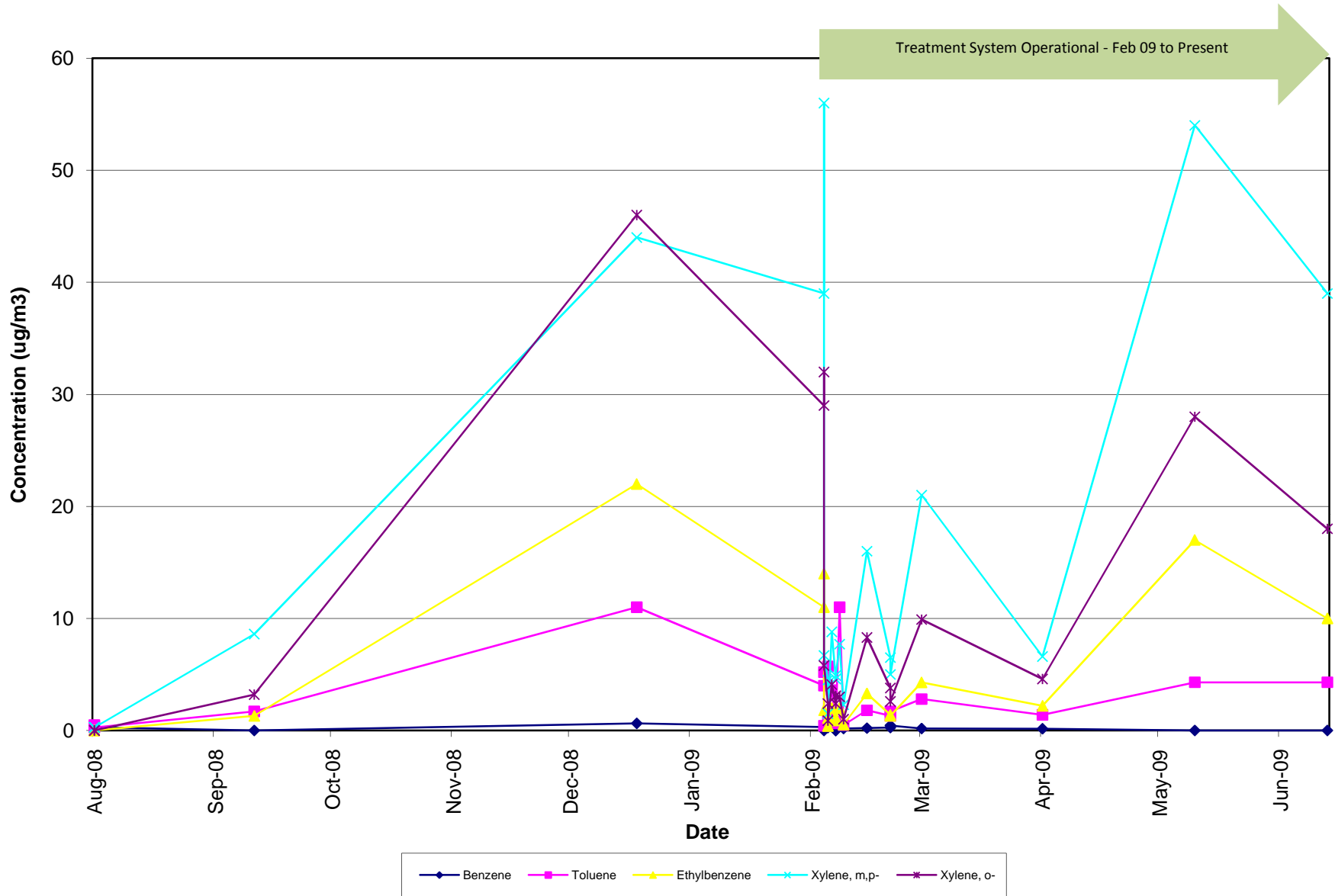


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG26**

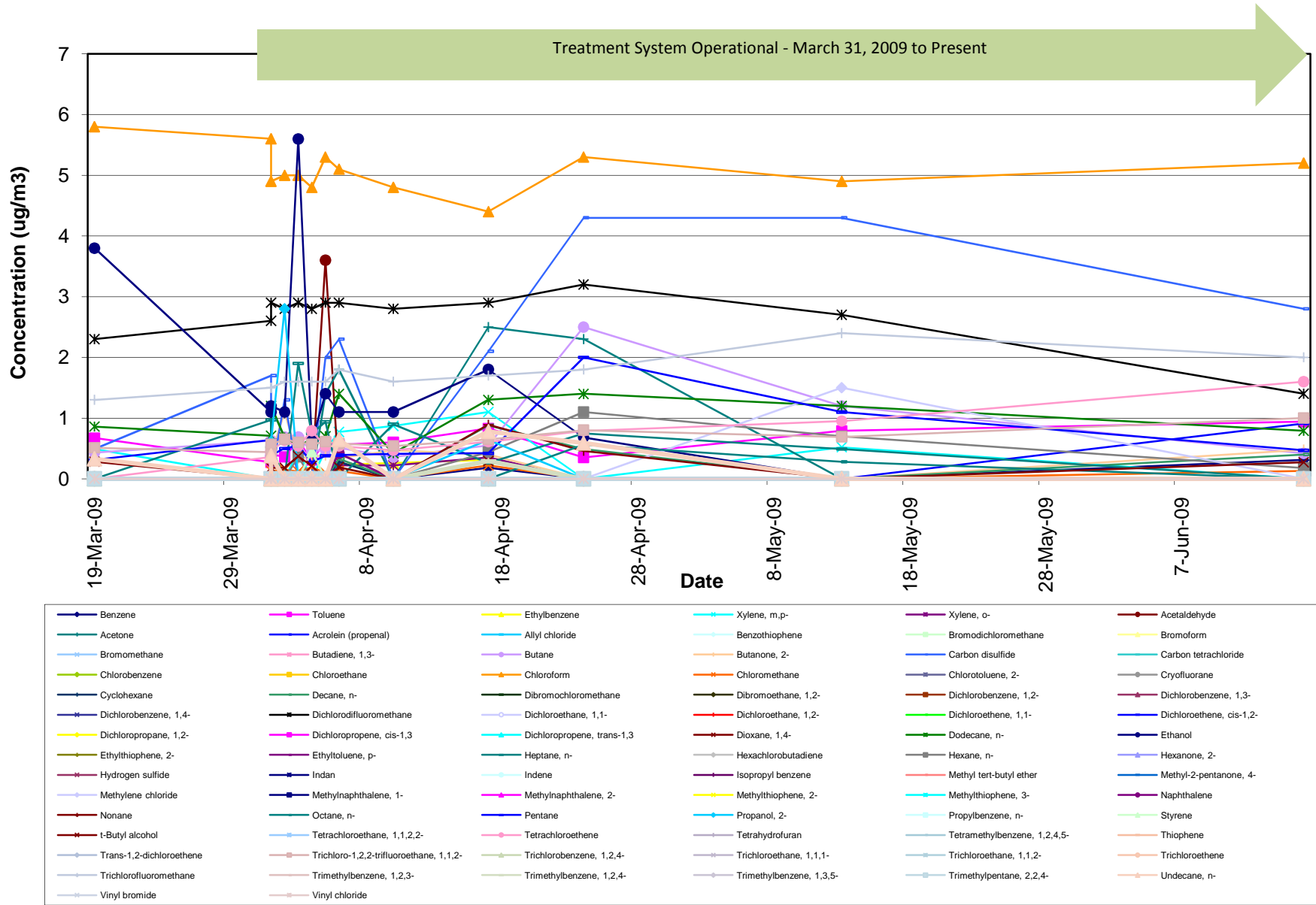


◆ Benzene	◆ Toluene	◆ Ethylbenzene	◆ Xylene, m,p-	◆ Xylene, o-	◆ Acetaldehyde
◆ Acetone	◆ Acrolein (propenal)	◆ Allyl chloride	◆ Benzothiophene	◆ Bromodichloromethane	◆ Bromoform
◆ Bromomethane	◆ Butadiene, 1,3-	◆ Butane	◆ Butanone, 2-	◆ Carbon disulfide	◆ Carbon tetrachloride
◆ Chlorobenzene	◆ Chloroethane	◆ Chloroform	◆ Chloromethane	◆ Chlorotoluene, 2-	◆ Cryofluorane
◆ Cyclohexane	◆ Decane, n-	◆ Dibromochloromethane	◆ Dibromoethane, 1,2-	◆ Dichlorobenzene, 1,2-	◆ Dichlorobenzene, 1,3-
◆ Dichlorobenzene, 1,4-	◆ Dichlorodifluoromethane	◆ Dichloroethane, 1,1-	◆ Dichloroethane, 1,2-	◆ Dichloroethene, 1,1-	◆ Dichloroethene, cis-1,2-
◆ Dichloropropane, 1,2-	◆ Dichloropropene, cis-1,3	◆ Dichloropropene, trans-1,3	◆ Dioxane, 1,4-	◆ Dodecane, n-	◆ Ethanol
◆ Ethylthiophene, 2-	◆ Ethyltoluene, p-	◆ Heptane, n-	◆ Hexachlorobutadiene	◆ Hexane, n-	◆ Hexanone, 2-
◆ Hydrogen sulfide	◆ Indan	◆ Indene	◆ Isopropyl benzene	◆ Methyl tert-butyl ether	◆ Methyl-2-pentanone, 4-
◆ Methylene chloride	◆ Methylnaphthalene, 1-	◆ Methylnaphthalene, 2-	◆ Methylthiophene, 2-	◆ Methylthiophene, 3-	◆ Naphthalene
◆ Nonane	◆ Octane, n-	◆ Pentane	◆ Propanol, 2-	◆ Propylbenzene, n-	◆ Styrene
◆ t-Butyl alcohol	◆ Tetrachloroethane, 1,1,2,2-	◆ Tetrachloroethene	◆ Tetrahydrofuran	◆ Tetramethylbenzene, 1,2,4,5-	◆ Thiophene
◆ Trans-1,2-dichloroethene	◆ Trichloro-1,2,2-trifluoroethane, 1,1,2-	◆ Trichlorobenzene, 1,2,4-	◆ Trichloroethane, 1,1,1-	◆ Trichloroethane, 1,1,2-	◆ Trichloroethene
◆ Trichlorofluoromethane	◆ Trimethylbenzene, 1,2,3-	◆ Trimethylbenzene, 1,2,4-	◆ Trimethylbenzene, 1,3,5-	◆ Trimethylpentane, 2,2,4-	◆ Undecane, n-
◆ Vinyl bromide	◆ Vinyl chloride				

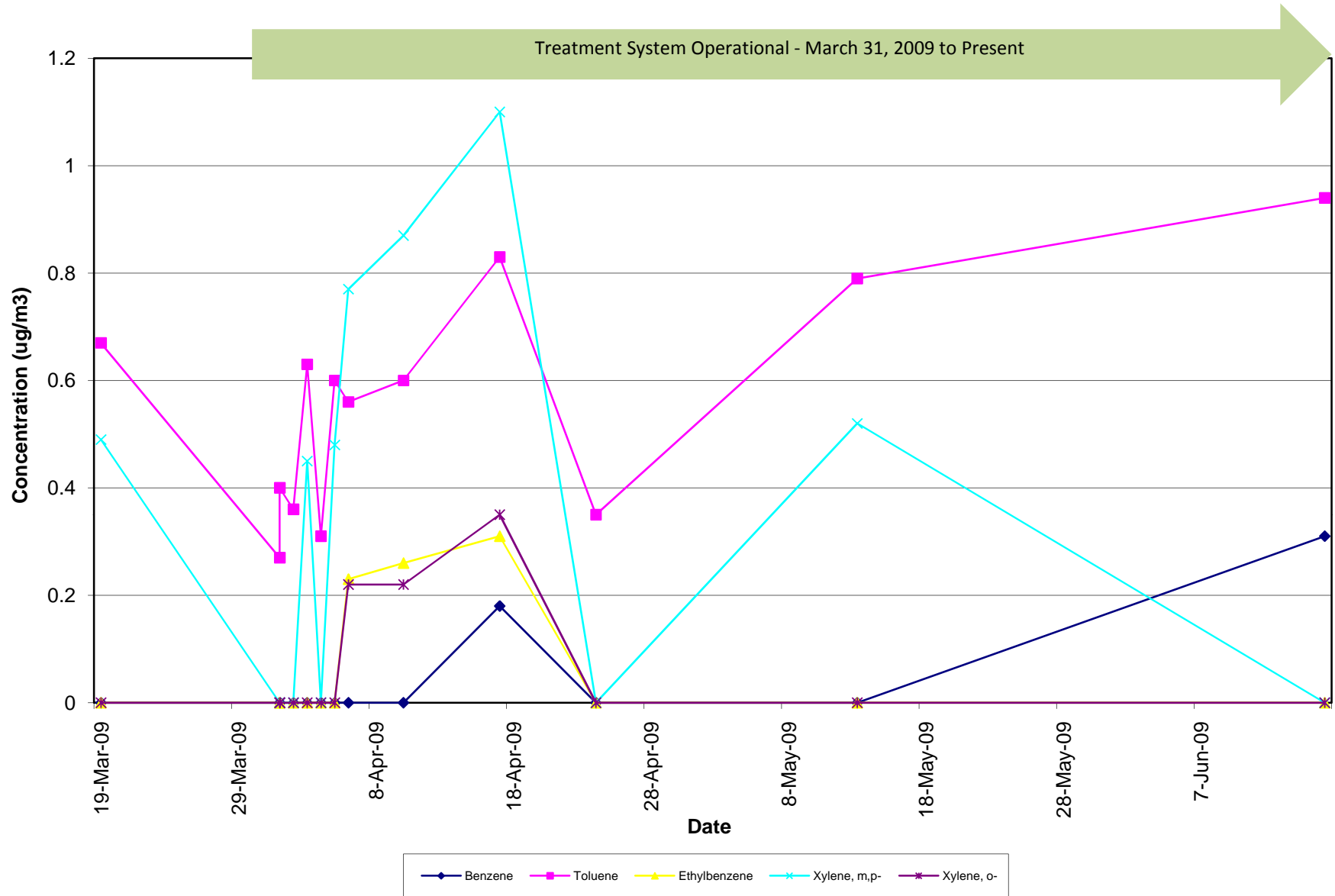
Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG26 BTEX**



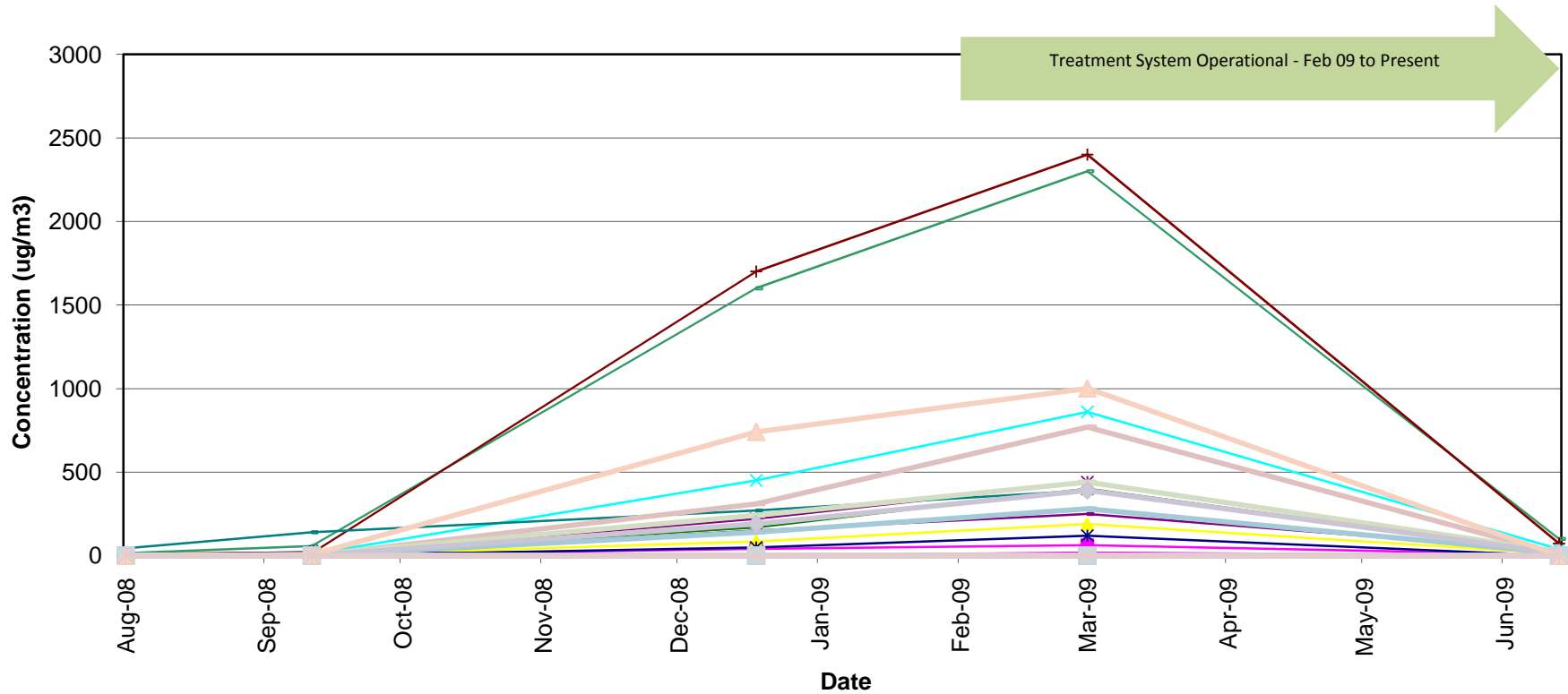
Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG28**



Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG28 BTEX**

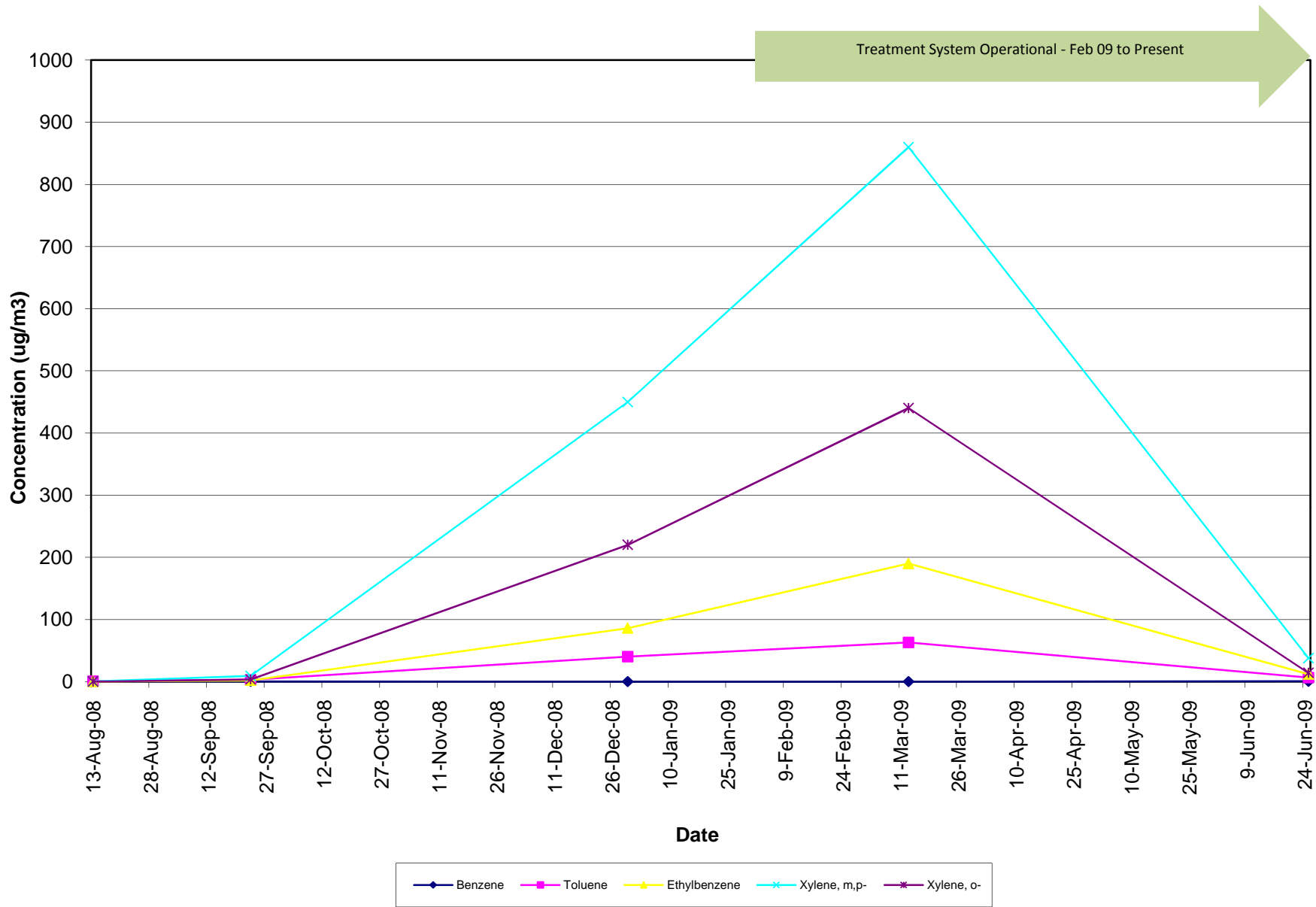


Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG29**



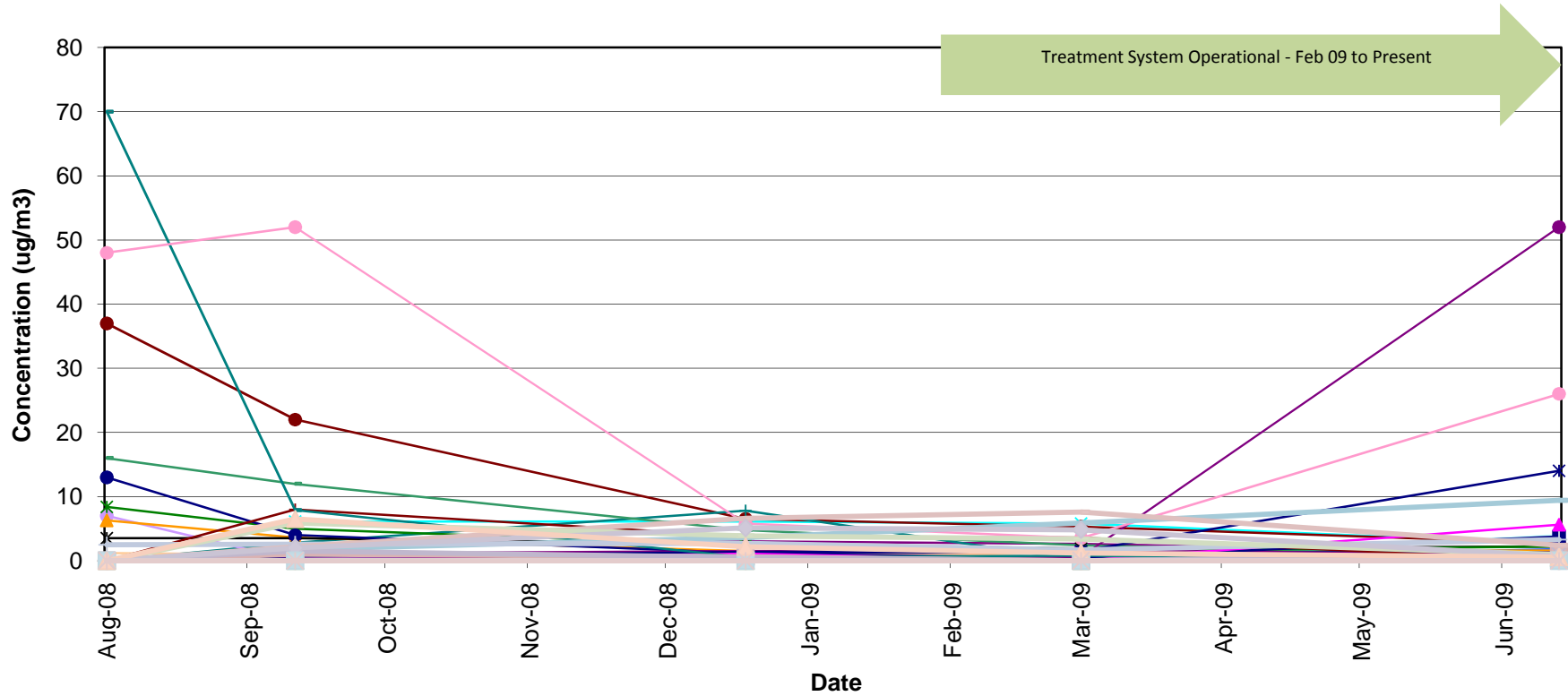
• Benzene	• Toluene	• Ethylbenzene	• Xylene, m,p	• Xylene, o-	• Acetaldehyde
• Acetone	• Acrolein (propenal)	• Allyl chloride	• Benzothiophene	• Bromodichloromethane	• Bromoform
• Bromomethane	• Butadiene, 1,3-	• Butane	• Butanone, 2-	• Carbon disulfide	• Carbon tetrachloride
• Chlorobenzene	• Chloroethane	• Chloroform	• Chloromethane	• Chlorotoluene, 2-	• Cryofluorane
• Cyclohexane	• Decane, n-	• Dibromochloromethane	• Dibromoethane, 1,2-	• Dichlorobenzene, 1,2-	• Dichlorobenzene, 1,3-
• Dichlorobenzene, 1,4-	• Dichlorodifluoromethane	• Dichloroethane, 1,1-	• Dichloroethane, 1,2-	• Dichloroethene, 1,1-	• Dichloroethene, cis-1,2-
• Dichloropropane, 1,2-	• Dichloropropene, cis-1,3	• Dichloropropene, trans-1,3	• Dioxane, 1,4-	• Dodecane, n-	• Ethanol
• Ethylthiophene, 2-	• Ethyltoluene, p-	• Heptane, n-	• Hexachlorobutadiene	• Hexane, n-	• Hexanone, 2-
• Hydrogen sulfide	• Indan	• Indene	• Isopropyl benzene	• Methyl tert-butyl ether	• Methyl-2-pentanone, 4-
• Methylene chloride	• Methylnaphthalene, 1-	• Methylnaphthalene, 2-	• Methylthiophene, 2-	• Methylthiophene, 3-	• Naphthalene
• Nonane	• Octane, n-	• Pentane	• Propanol, 2-	• Propylbenzene, n-	• Styrene
• t-Butyl alcohol	• Tetrachloroethane, 1,1,2,2-	• Tetrachloroethene	• Tetrahydrofuran	• Tetramethylbenzene, 1,2,4,5-	• Thiophene
• Trans-1,2-dichloroethene	• Trichloro-1,2,2-trifluoroethane, 1,1,2-	• Trichlorobenzene, 1,2,4-	• Trichloroethane, 1,1,1-	• Trichloroethane, 1,1,2-	• Trichloroethene
• Trichlorofluoromethane	• Trimethylbenzene, 1,2,3-	• Trimethylbenzene, 1,2,4-	• Trimethylbenzene, 1,3,5-	• Trimethylpentane, 2,2,4-	• Undecane, n-
• Vinyl bromide	• Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG29 BTEX**



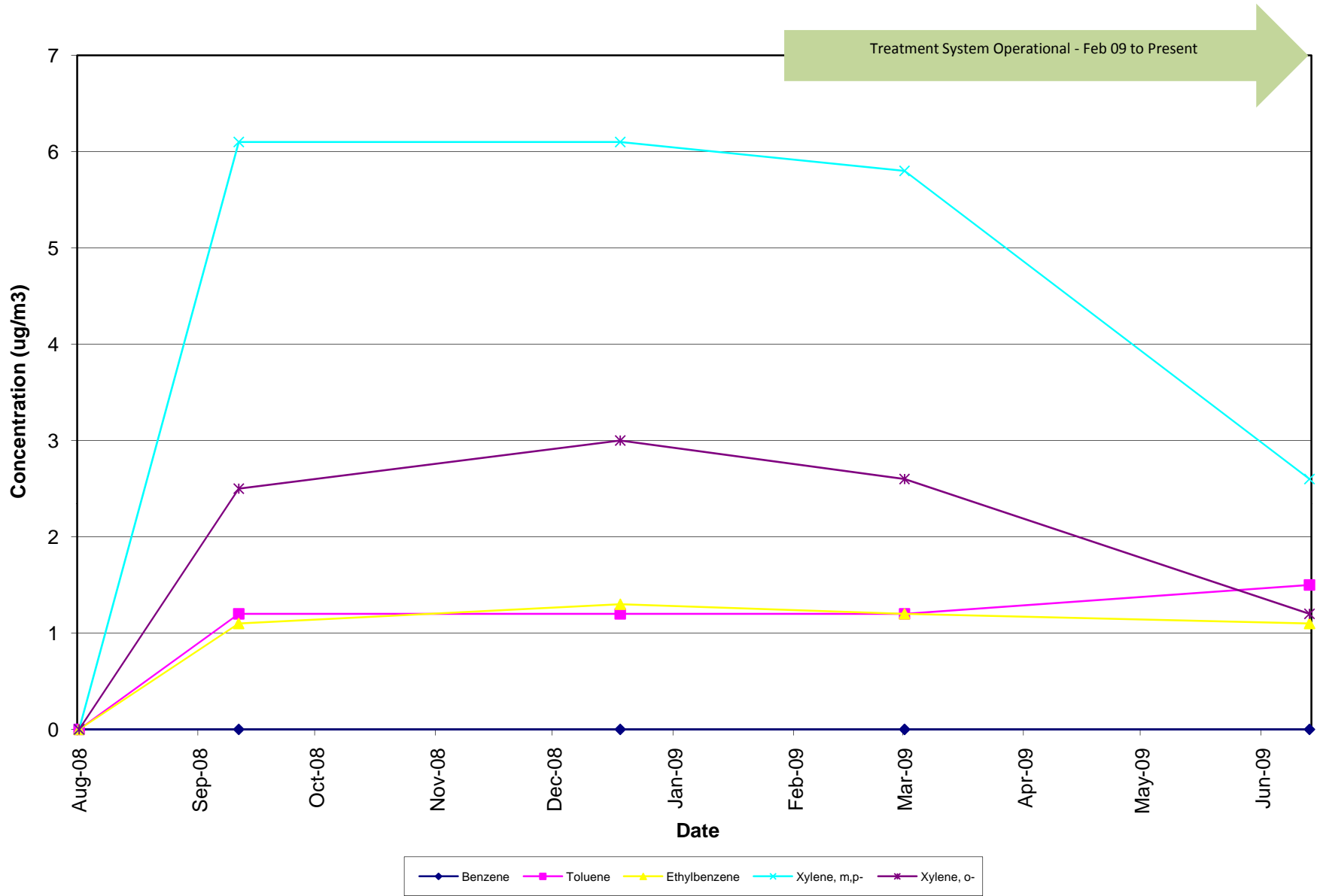


Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG30**

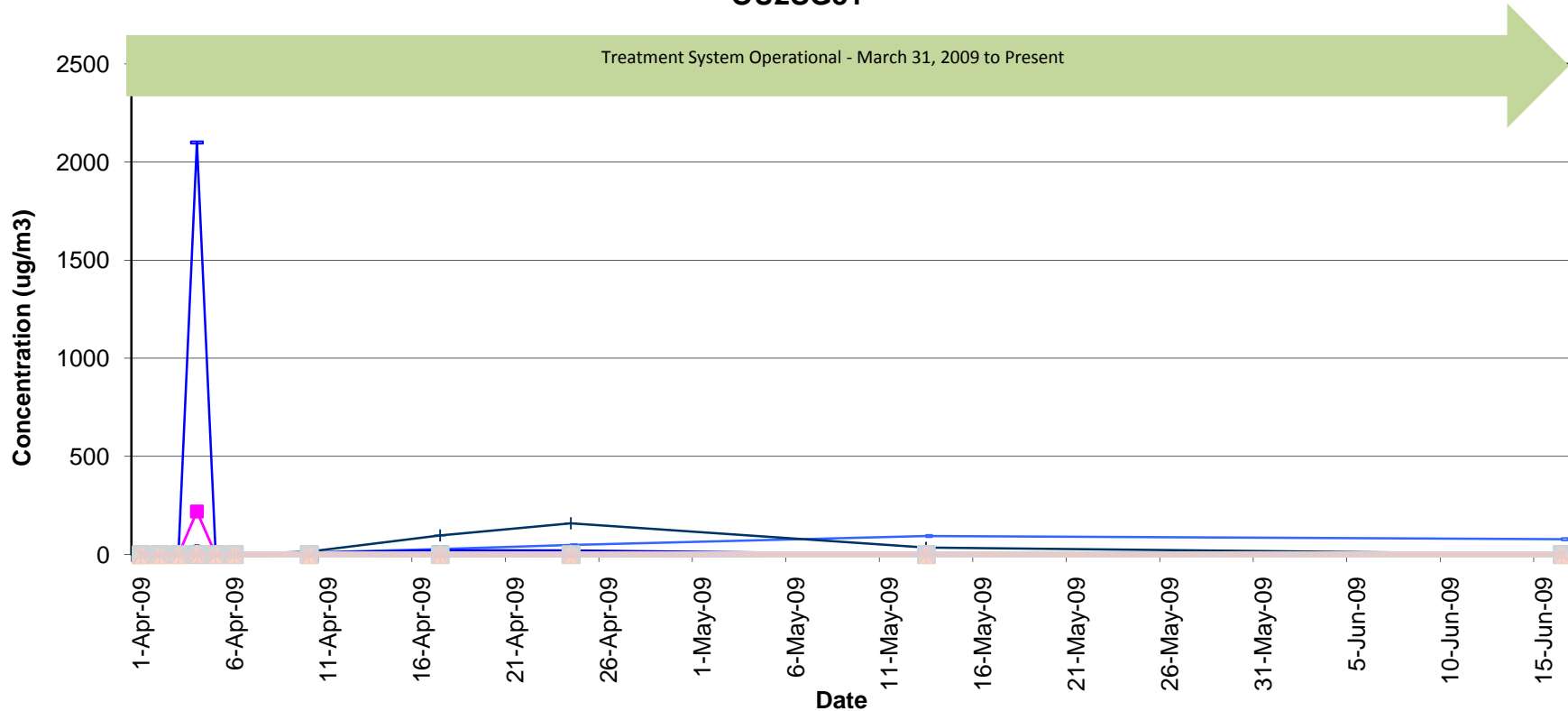


Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichloroethane, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG30 BTEX**

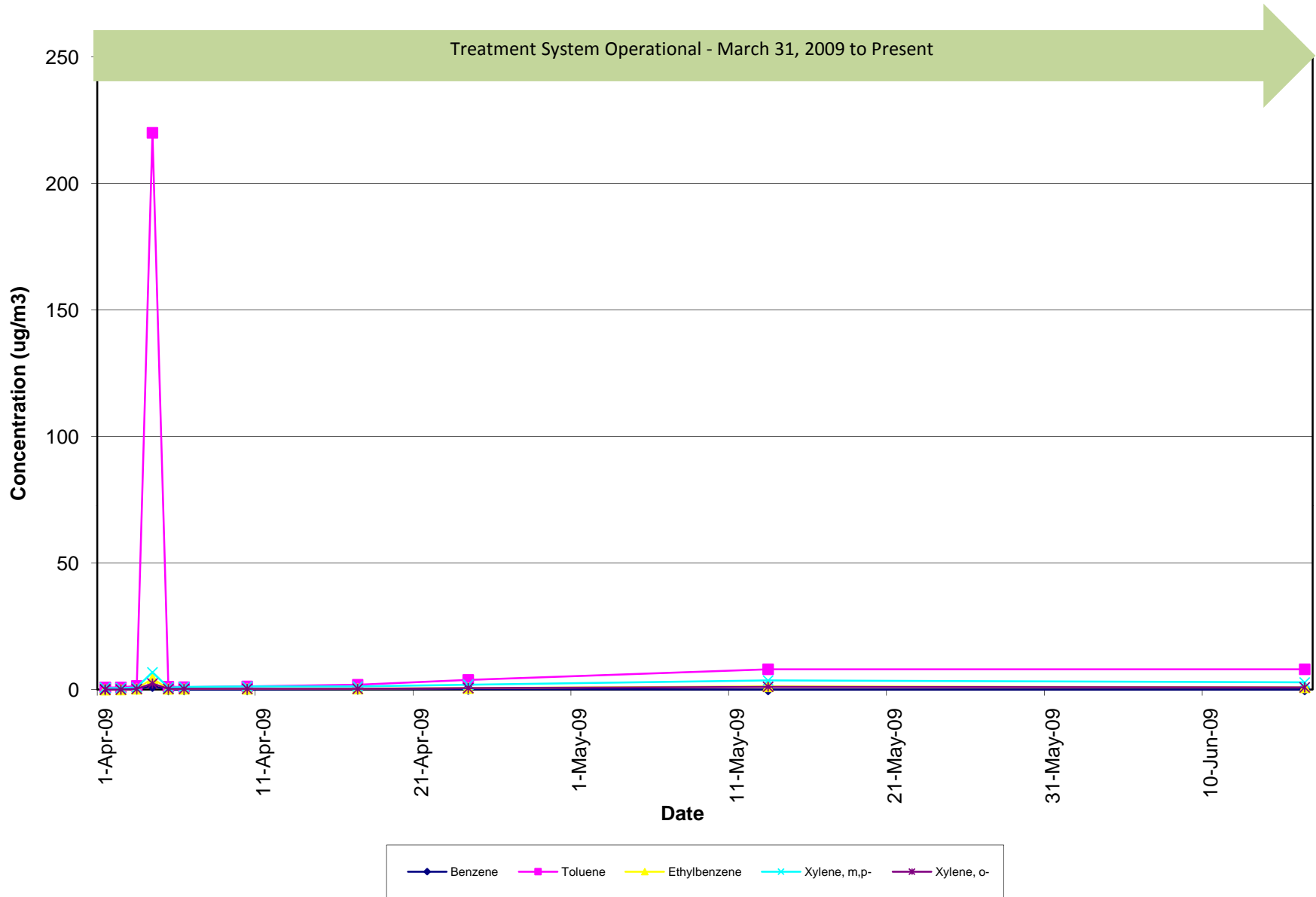


Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG31**

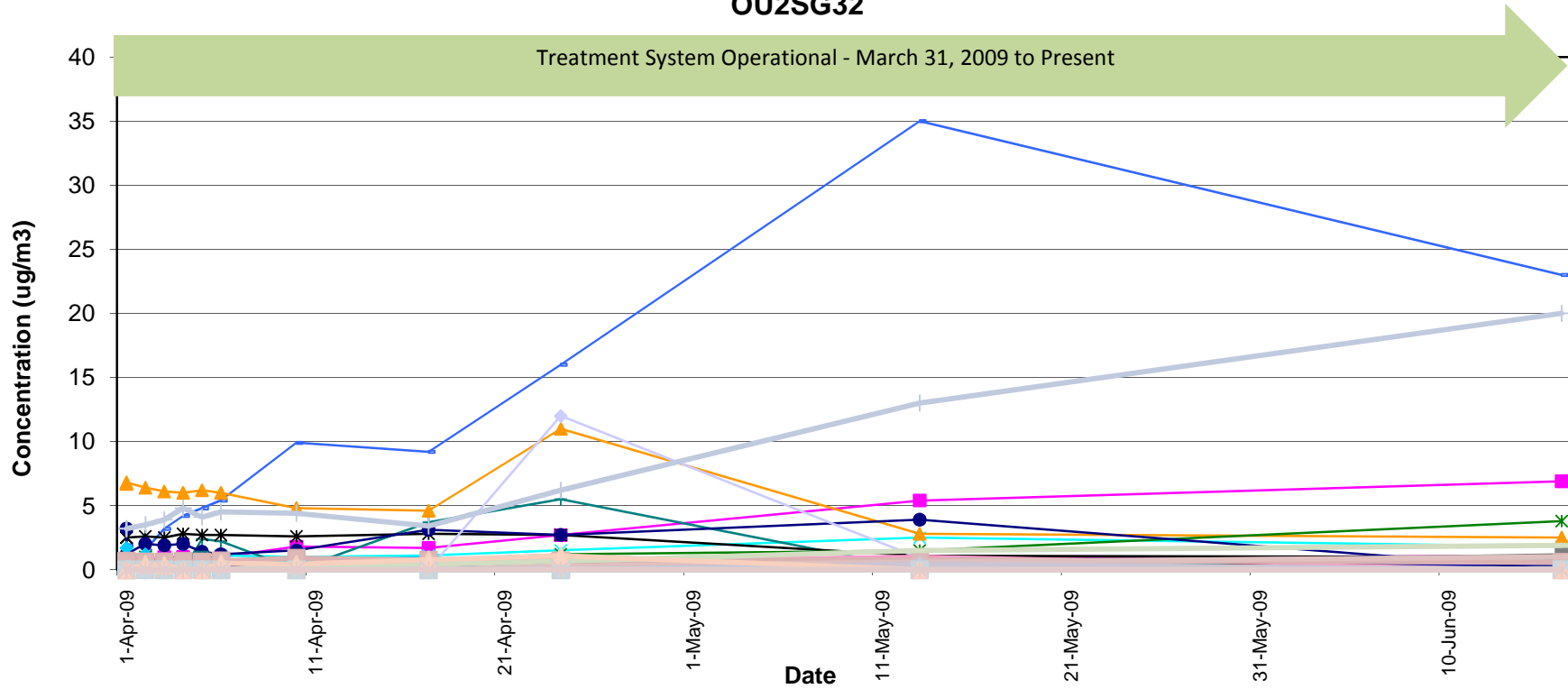


Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG31 BTEX**

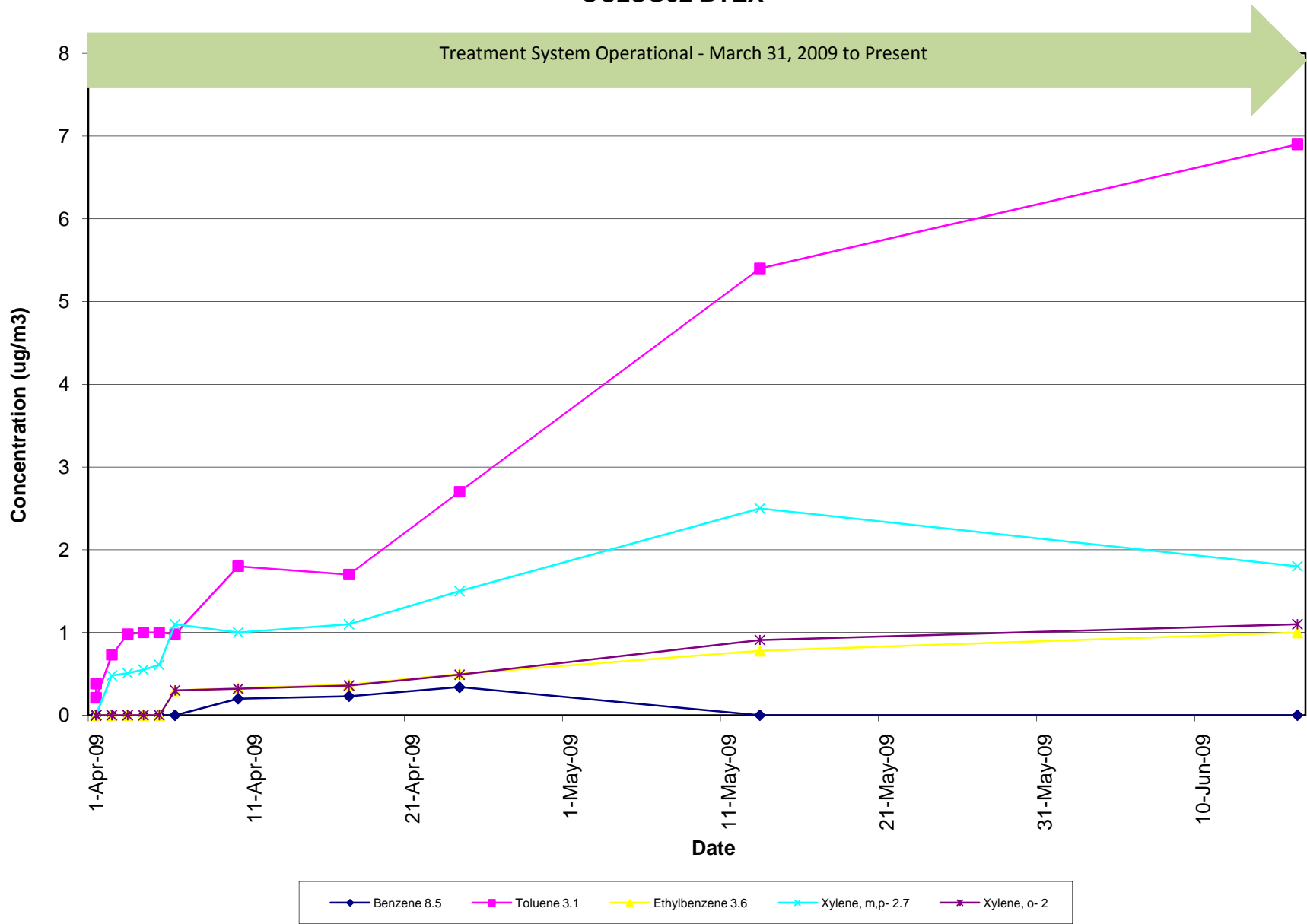


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG32**

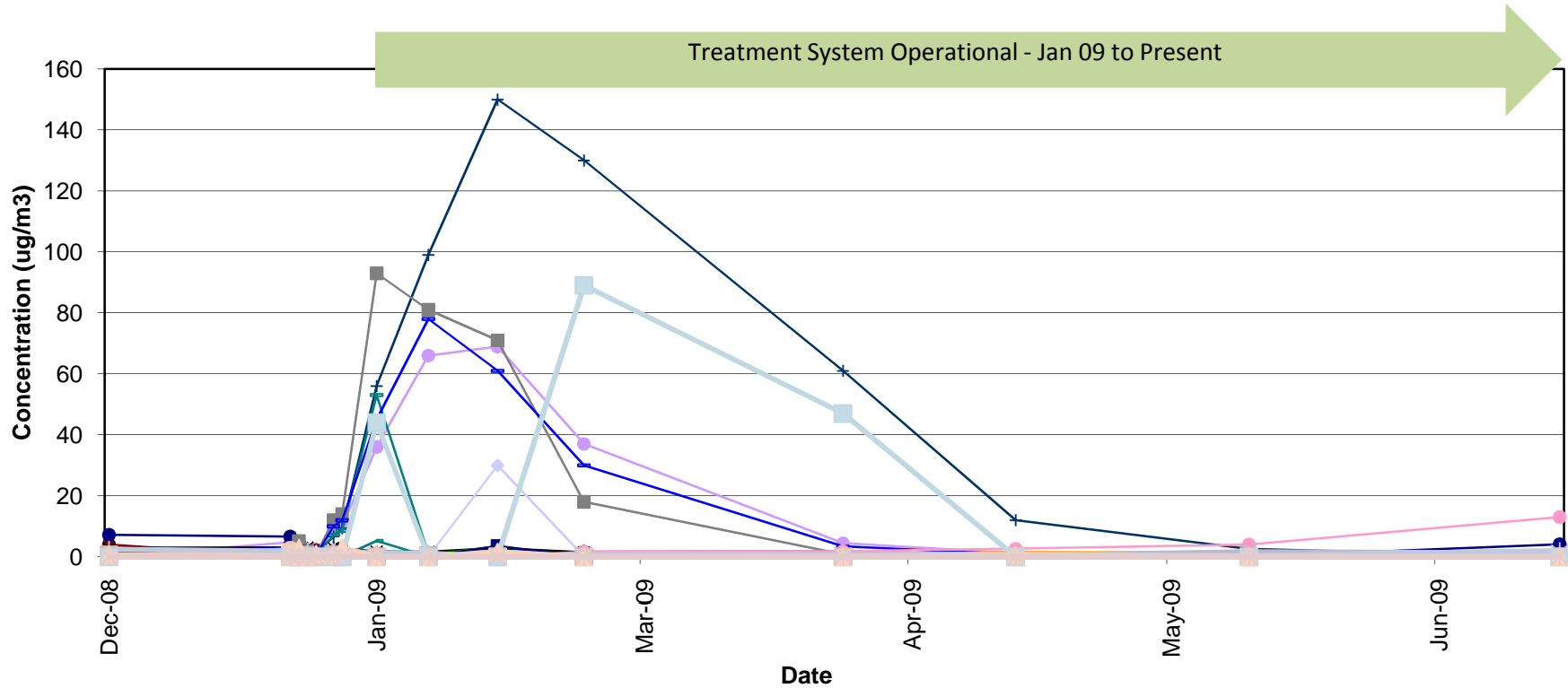


Benzene 8.5	Toluene 3.1	Ethylbenzene 3.6	Xylene, m,p- 2.7	Xylene, o- 2
Acetaldehyde	Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene
Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3- 0.26	Butane 61
Butanone, 2- 3.2	Carbon disulfide 8.5	Carbon tetrachloride	Chlorobenzene	Chloroethane
Chloroform 44	Chloromethane 0.53	Chlorotoluene, 2-	Cryofluorane	Cyclohexane 5.6
Decane, n- 29	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane 2.9	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-
Dichloroethene, cis-1,2- 1.2	Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-
Dodecane, n- 6	Ethanol 6.6	Ethylthiophene, 2-	Ethyltoluene, p- 2.4	Heptane, n- 8.1
Hexachlorobutadiene	Hexane, n- 12	Hexanone, 2-	Hydrogen sulfide NA	Indan 3.2
Indene	Isopropyl benzene NA	Methyl tert-butyl ether	Methyl-2-pentanone, 4-	Methylene chloride
Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane 10	Octane, n- 29	Pentane 44	Propanol, 2-	Propylbenzene, n- NA
Styrene 0.9	t-Butyl alcohol 0.45	Tetrachloroethane, 1,1,2,2-	Tetrachloroethane 0.62	Tetrahydrofuran NA
Tetramethylbenzene, 1,2,4,5- 24	Thiophene	Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2- 0.54	Trichlorobenzene, 1,2,4-
Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene 0.54	Trichlorofluoromethane 2.9	Trimethylbenzene, 1,2,3- 2
Trimethylbenzene, 1,2,4- 15	Trimethylbenzene, 1,3,5- 13	Trimethylpentane, 2,2,4-	Undecane, n- 9.7	Vinyl bromide
Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG32 BTEX**

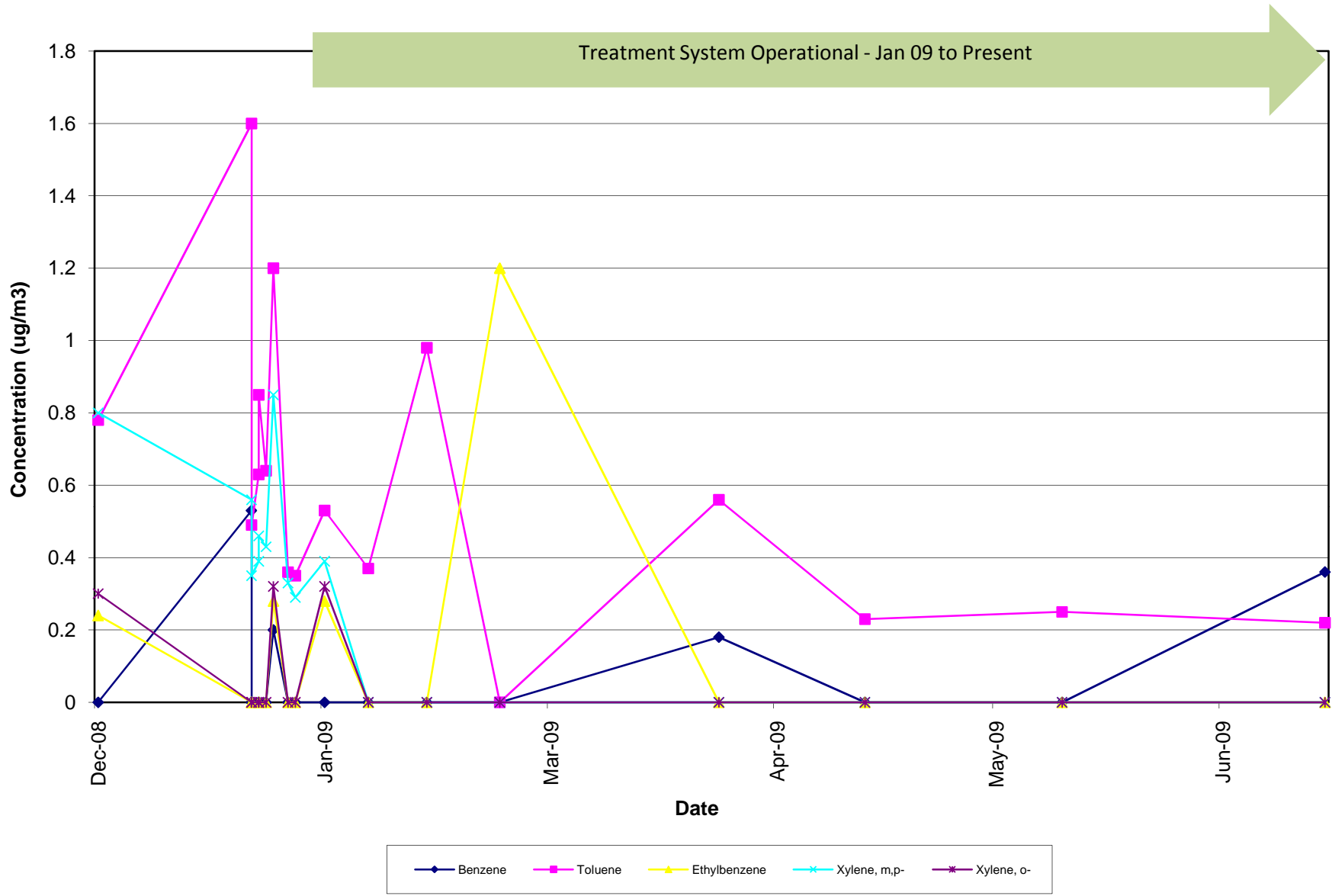


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.2  
Bay Shore/Brightwaters Former MGP Site  
**OU2SG38**



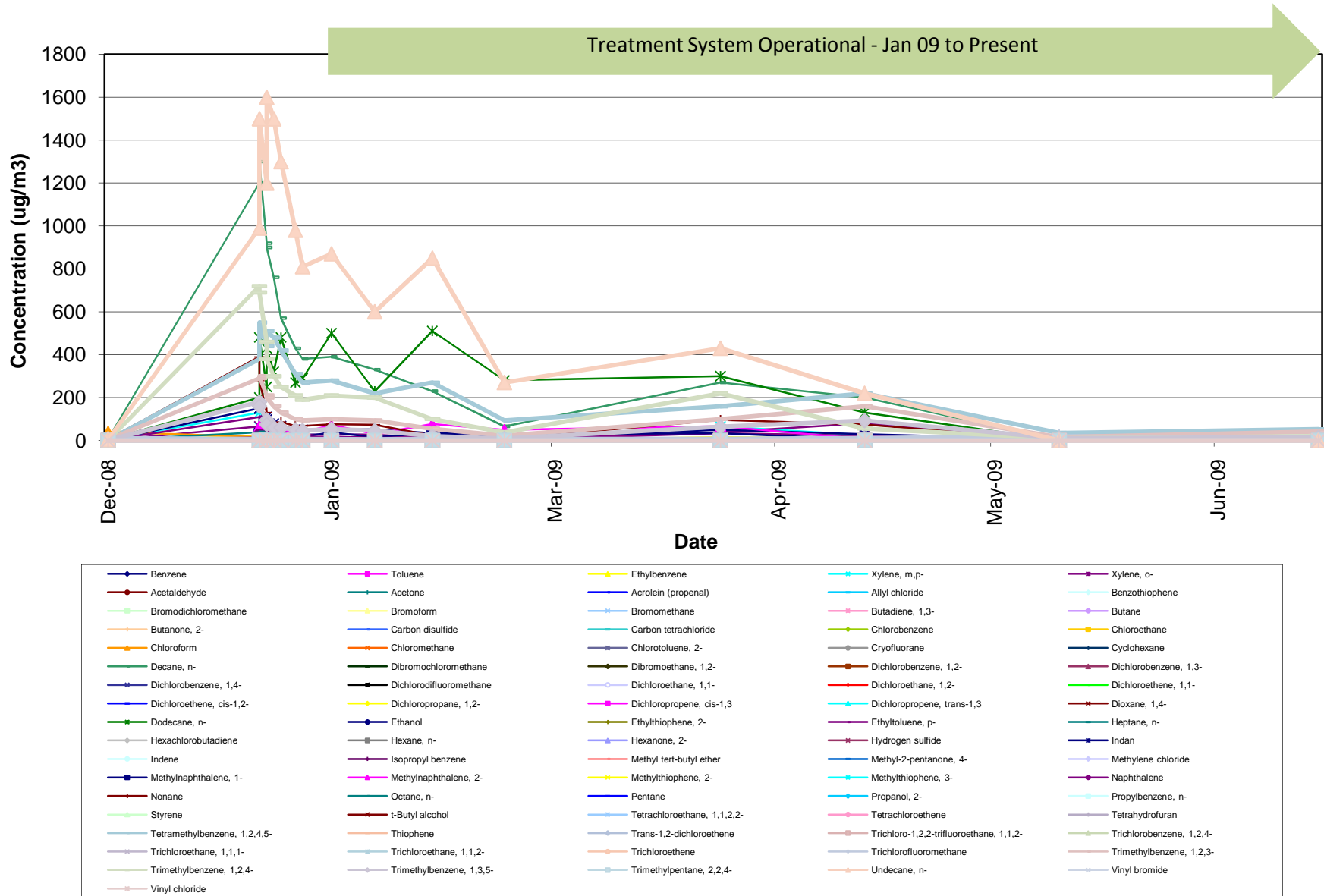
- |                                |                            |                               |   |                            |
|--------------------------------|----------------------------|-------------------------------|---|----------------------------|
| ● Benzene                      | ● Toluene                  | ● Ethylbenzene                | ● Xylene, m,p-                            | ● Xylene, o-               |
| ● Acetaldehyde                 | ● Acetone                  | ● Acrolein (propenal)         | ● Allyl chloride                          | ● Benzothiophene           |
| ● Bromodichloromethane         | ● Bromoform                | ● Bromomethane                | ● Butadiene, 1,3-                         | ● Butane                   |
| ● Butanone, 2-                 | ● Carbon disulfide         | ● Carbon tetrachloride        | ● Chlorobenzene                           | ● Chloroethane             |
| ● Chloroform                   | ● Chloromethane            | ● Chlorotoluene, 2-           | ● Cryofluorane                            | ● Cyclohexane              |
| ● Decane, n-                   | ● Dibromochloromethane     | ● Dibromoethane, 1,2-         | ● Dichlorobenzene, 1,2-                   | ● Dichlorobenzene, 1,3-    |
| ● Dichlorobenzene, 1,4-        | ● Dichlorodifluoromethane  | ● Dichloroethane, 1,1-        | ● Dichloroethane, 1,2-                    | ● Dichloroethene, 1,1-     |
| ● Dichloroethene, cis-1,2-     | ● Dichloropropane, 1,2-    | ● Dichloropropene, cis-1,3    | ● Dichloropropene, trans-1,3              | ● Dioxane, 1,4-            |
| ● Dodecane, n-                 | ● Ethanol                  | ● Ethylthiophene, 2-          | ● Ethyltoluene, p-                        | ● Heptane, n-              |
| ● Hexachlorobutadiene          | ● Hexane, n-               | ● Hexanone, 2-                | ● Hydrogen sulfide                        | ● Indan                    |
| ● Indene                       | ● Isopropyl benzene        | ● Methyl tert-butyl ether     | ● Methyl-2-pentanone, 4-                  | ● Methylene chloride       |
| ● Methylnaphthalene, 1-        | ● Methylnaphthalene, 2-    | ● Methylthiophene, 2-         | ● Methythiophene, 3-                      | ● Naphthalene              |
| ● Nonane                       | ● Octane, n-               | ● Pentane                     | ● Propanol, 2-                            | ● Propylbenzene, n-        |
| ● Styrene                      | ● t-Butyl alcohol          | ● Tetrachloroethane, 1,1,2,2- | ● Tetrachloroethene                       | ● Tetrahydrofuran          |
| ● Tetramethylbenzene, 1,2,4,5- | ● Thiophene                | ● Trans-1,2-dichloroethene    | ● Trichloro-1,2,2-trifluoroethane, 1,1,2- | ● Trichlorobenzene, 1,2,4- |
| ● Trichloroethane, 1,1,1-      | ● Trichloroethane, 1,1,2-  | ● Trichloroethene             | ● Trichlorofluoromethane                  | ● Trimethylbenzene, 1,2,3- |
| ● Trimethylbenzene, 1,2,4-     | ● Trimethylbenzene, 1,3,5- | ● Trimethylpentane, 2,2,4-    | ● Undecane, n-                            | ● Vinyl bromide            |
| ● Vinyl chloride               |                            |                               |   |                            |

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG38 BTEX**

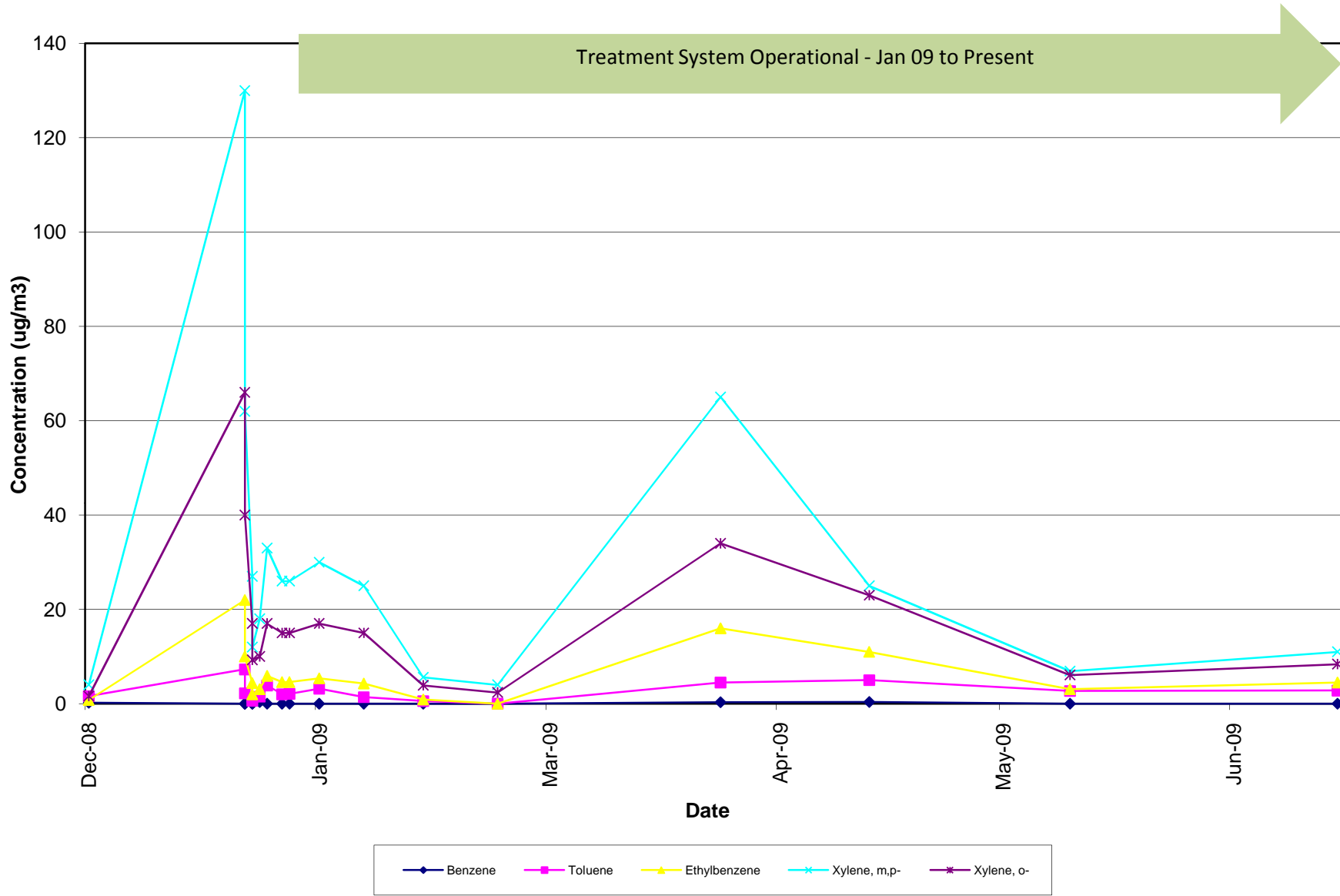




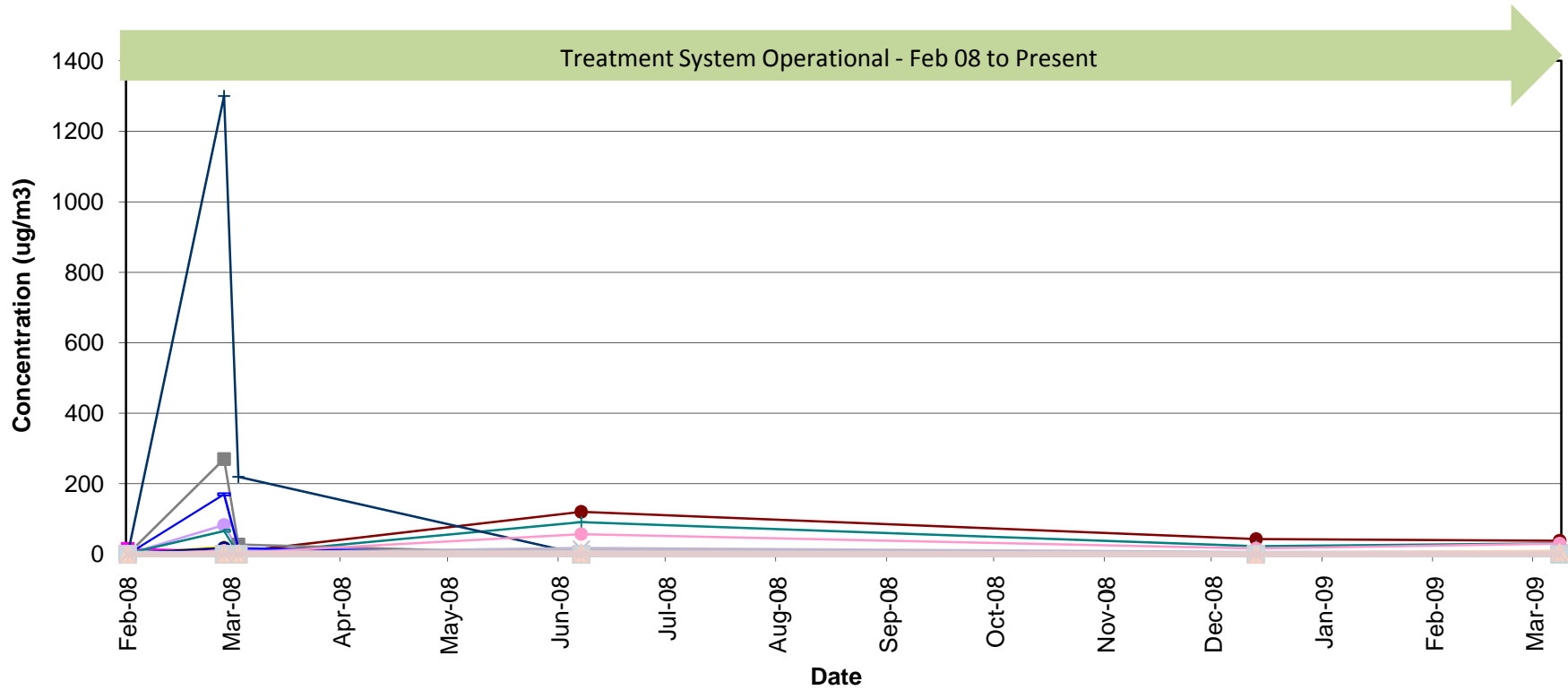
Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG39**



Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.2  
 Bay Shore/Brightwaters Former MGP Site  
**OU2SG39 BTEX**

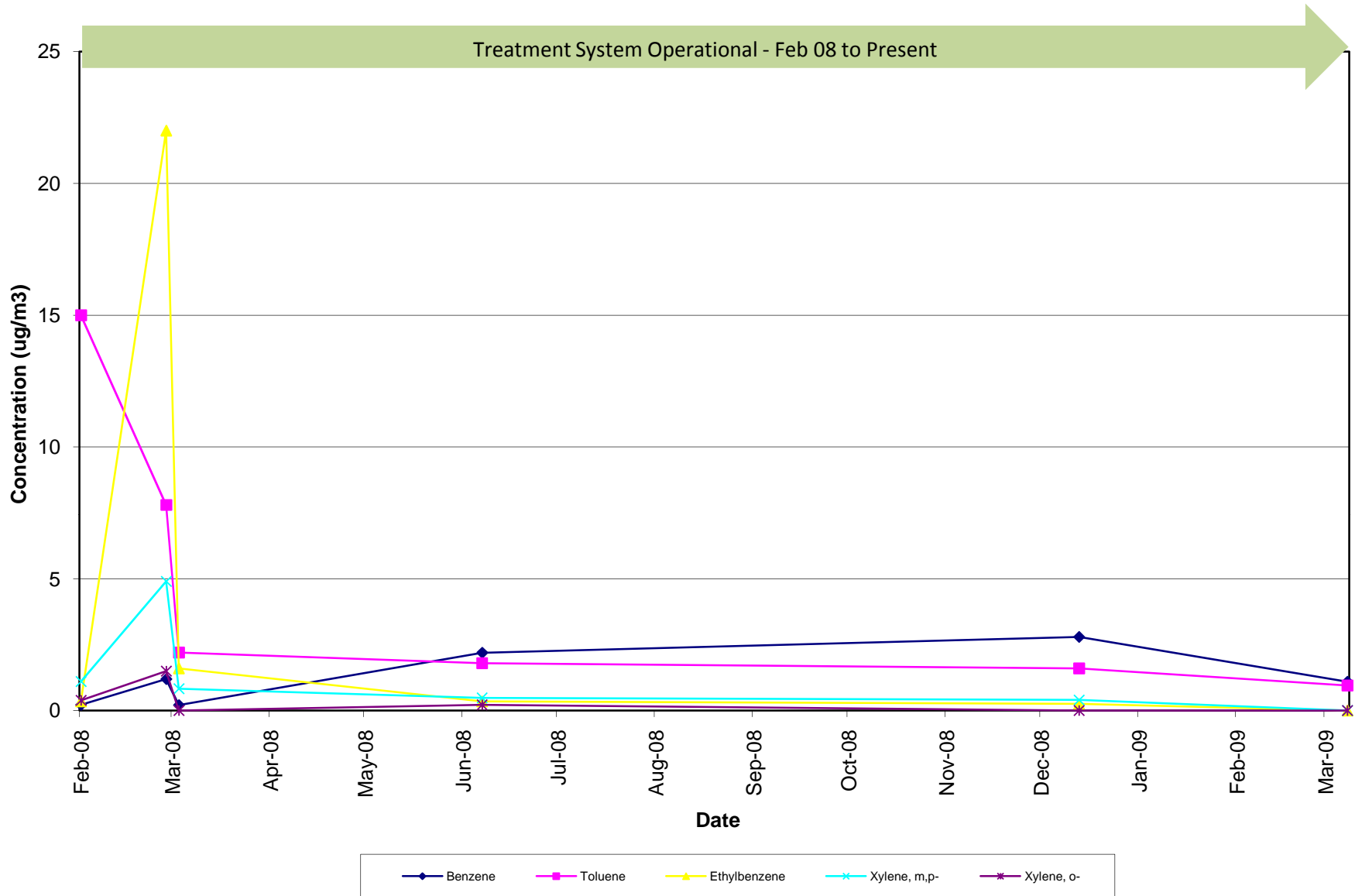


Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.1  
 Bay Shore/Brightwaters Former MGP Site  
**OZSG01**

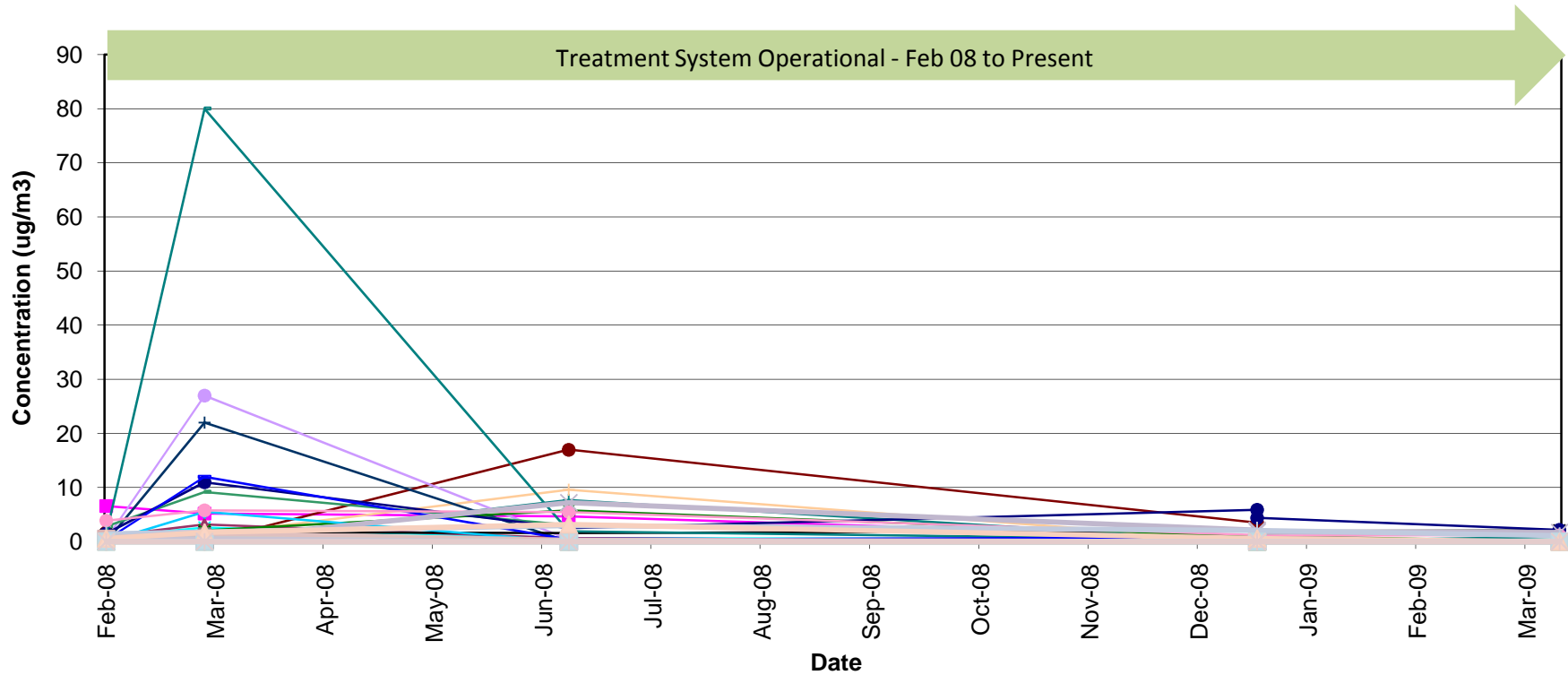


Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.1  
Bay Shore/Brightwaters Former MGP Site  
**OZSG01 BTEX**

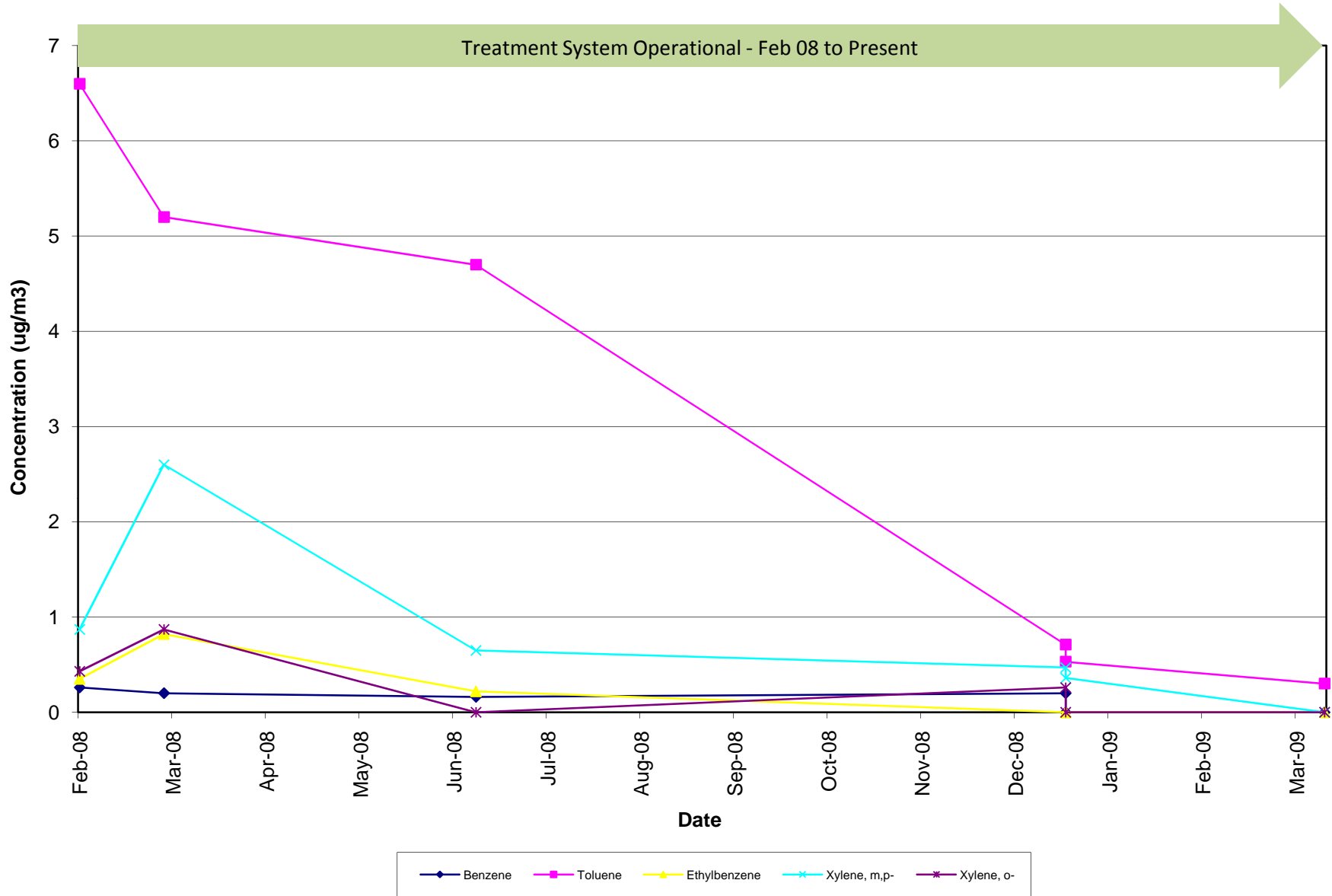


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.1  
Bay Shore/Brightwaters Former MGP Site  
**OZSG02**

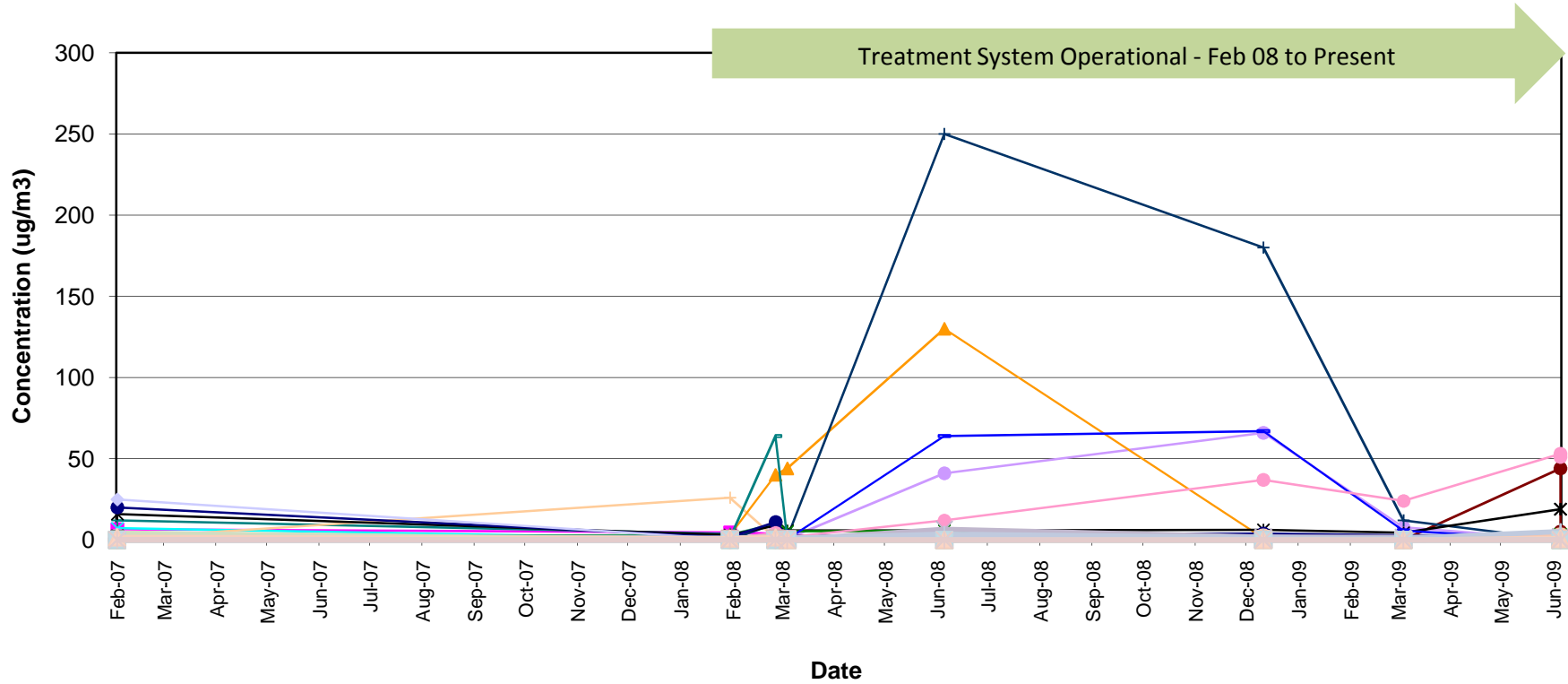


Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.1  
 Bay Shore/Brightwaters Former MGP Site  
**OZSG02 BTEX**

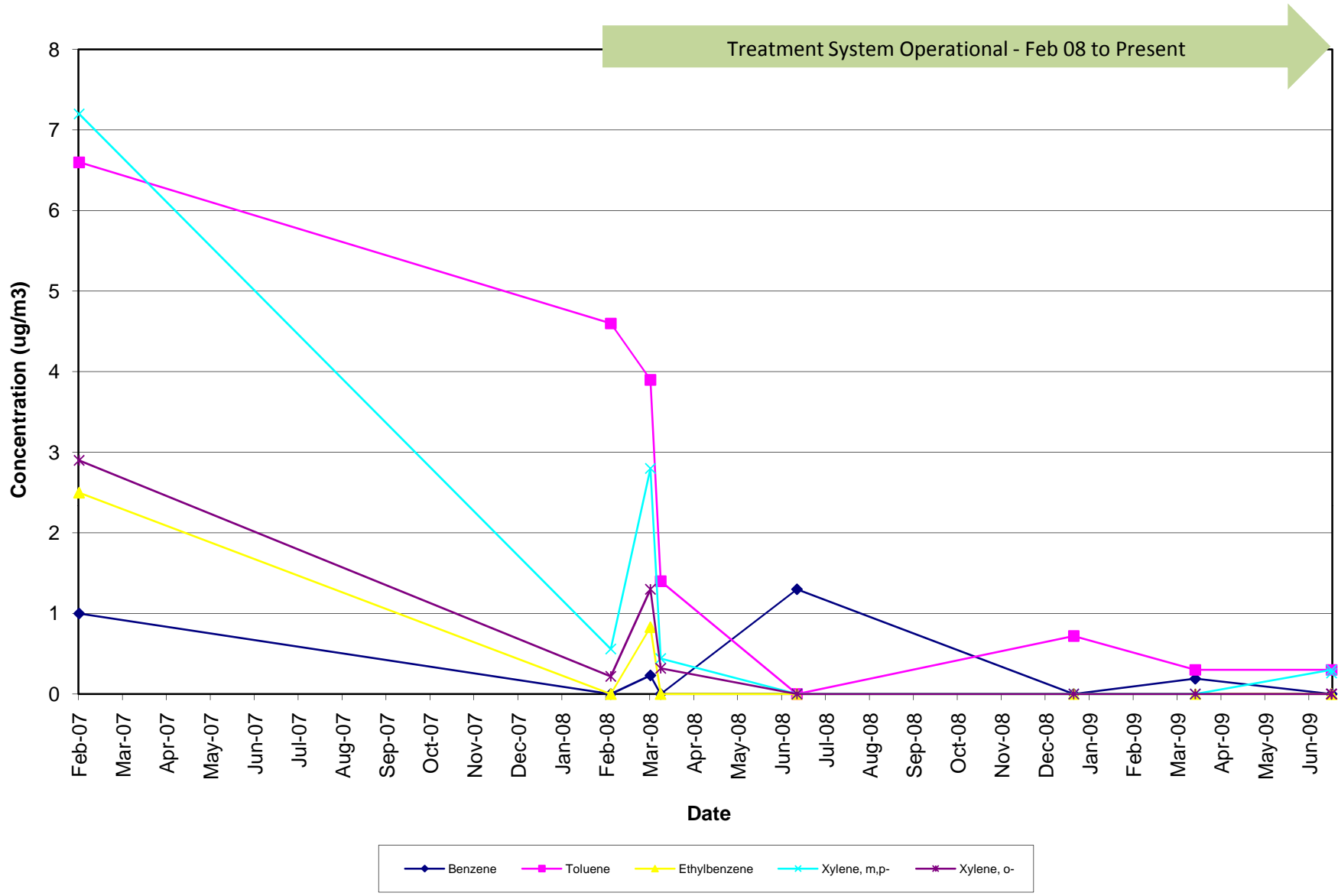


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.1  
Bay Shore/Brightwaters Former MGP Site  
**OZSG03**



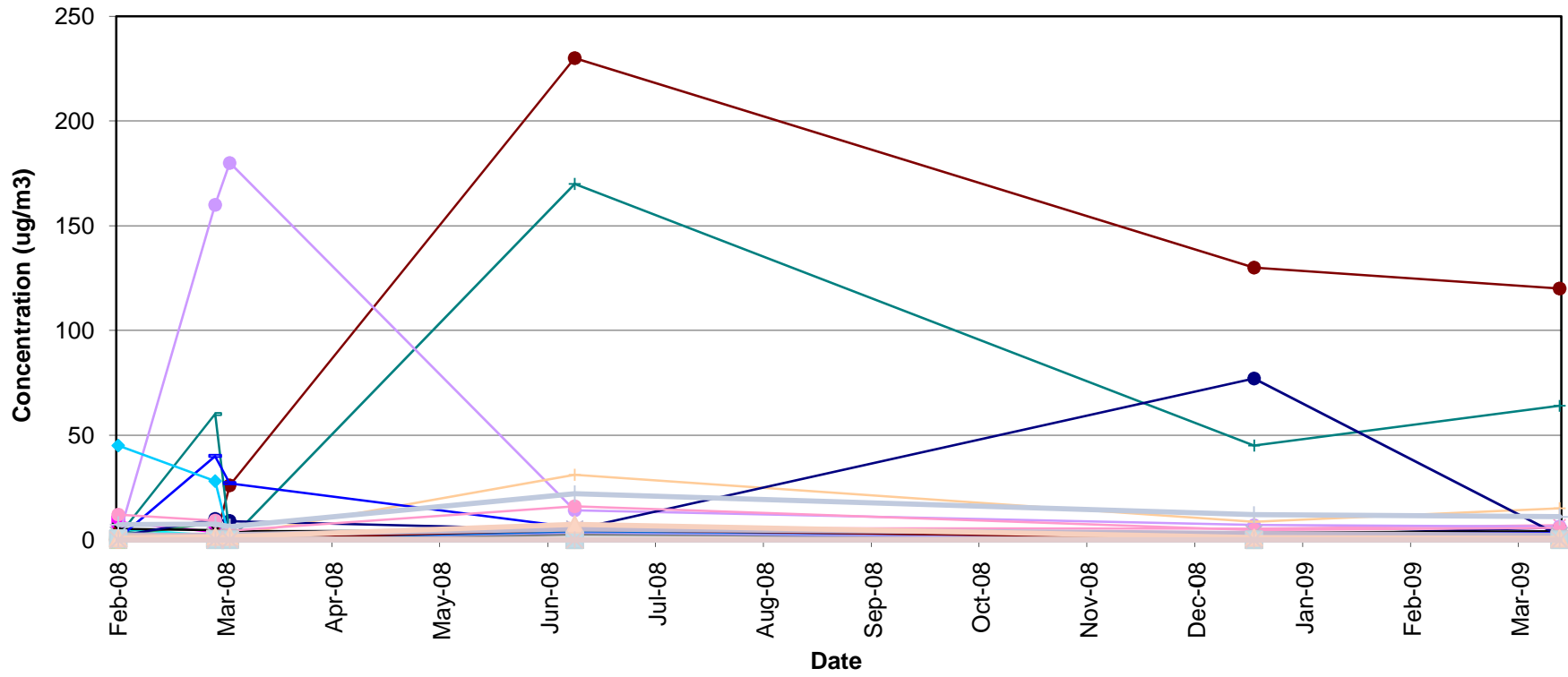
Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.1  
 Bay Shore/Brightwaters Former MGP Site  
**OZSG03 BTEX**



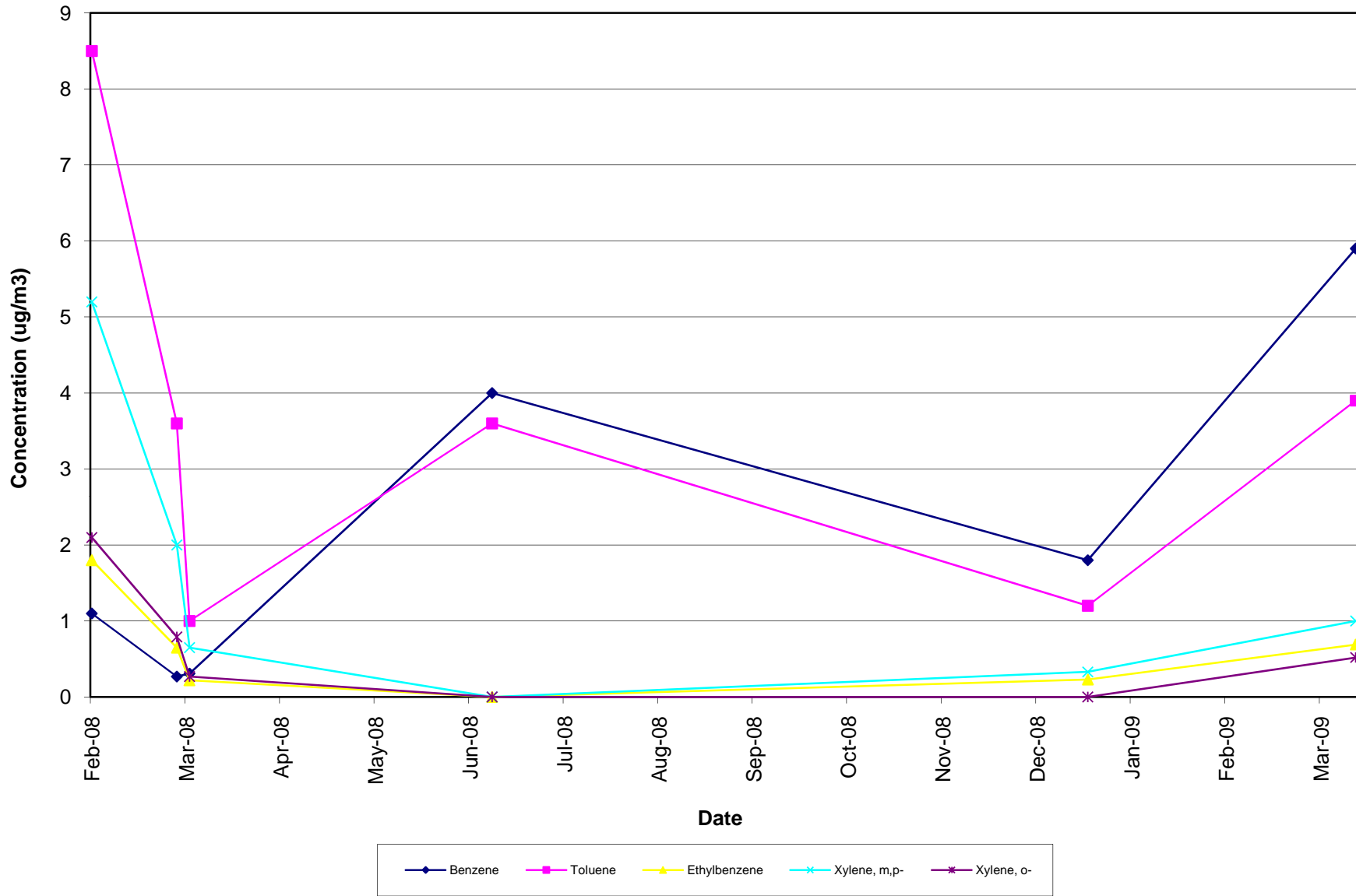


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.1  
Bay Shore/Brightwaters Former MGP Site  
**OZSG04**

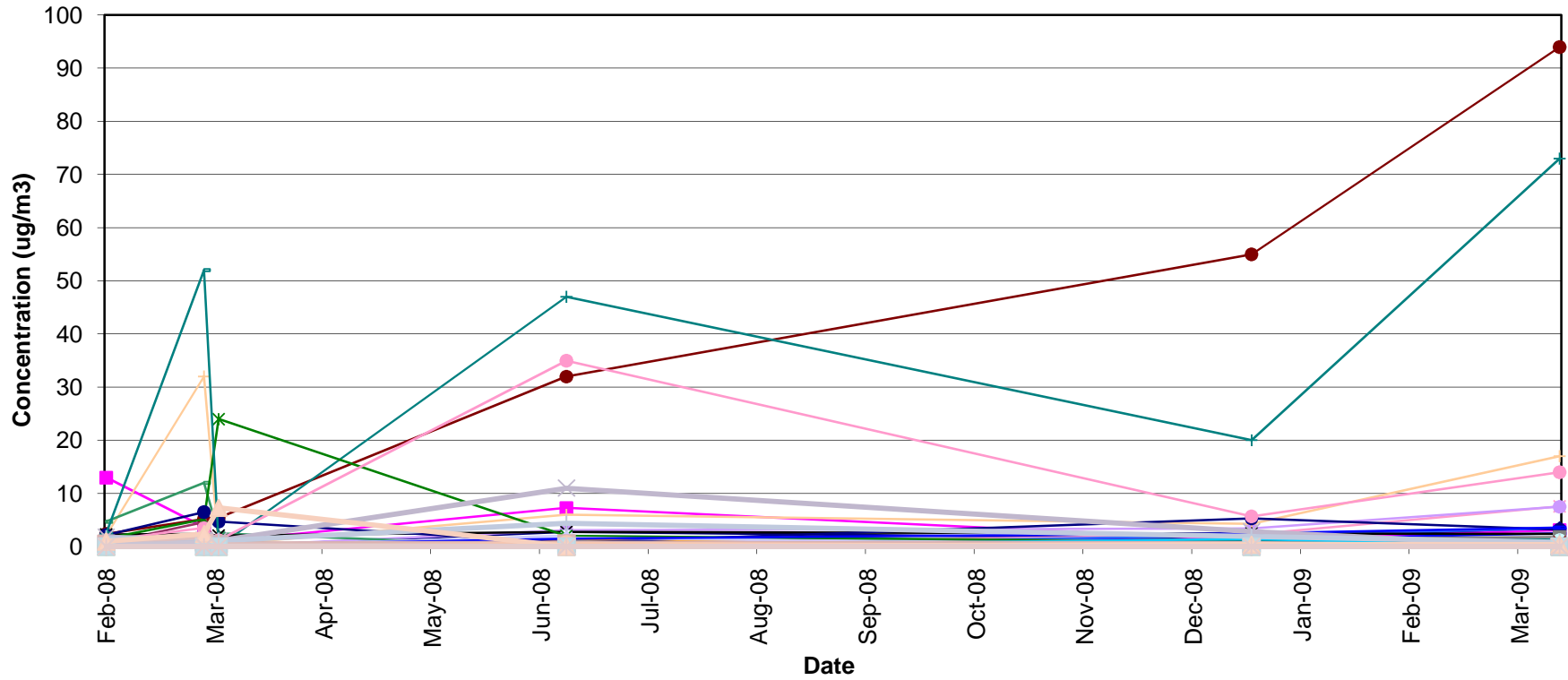


Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-
Acetaldehyde	Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene
Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butane
Butanone, 2-	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane
Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane	Cyclohexane
Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-
Dichloroethene, cis-1,2-	Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-
Dodecane, n-	Ethanol	Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-
Hexachlorobutadiene	Hexane, n-	Hexanone, 2-	Hydrogen sulfide	Indan
Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-	Methylene chloride
Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-
Styrene	t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran
Tetramethylbenzene, 1,2,4,5-	Thiophene	Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-
Trichloroethane, 1,1,1,-	Trichloroethane, 1,1,2,-	Trichloroethene	Trichlorofluoromethane	Trimethylbenzene, 1,2,3-
Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-	Vinyl bromide
Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.1  
 Bay Shore/Brightwaters Former MGP Site  
**OZSG04 BTEX**

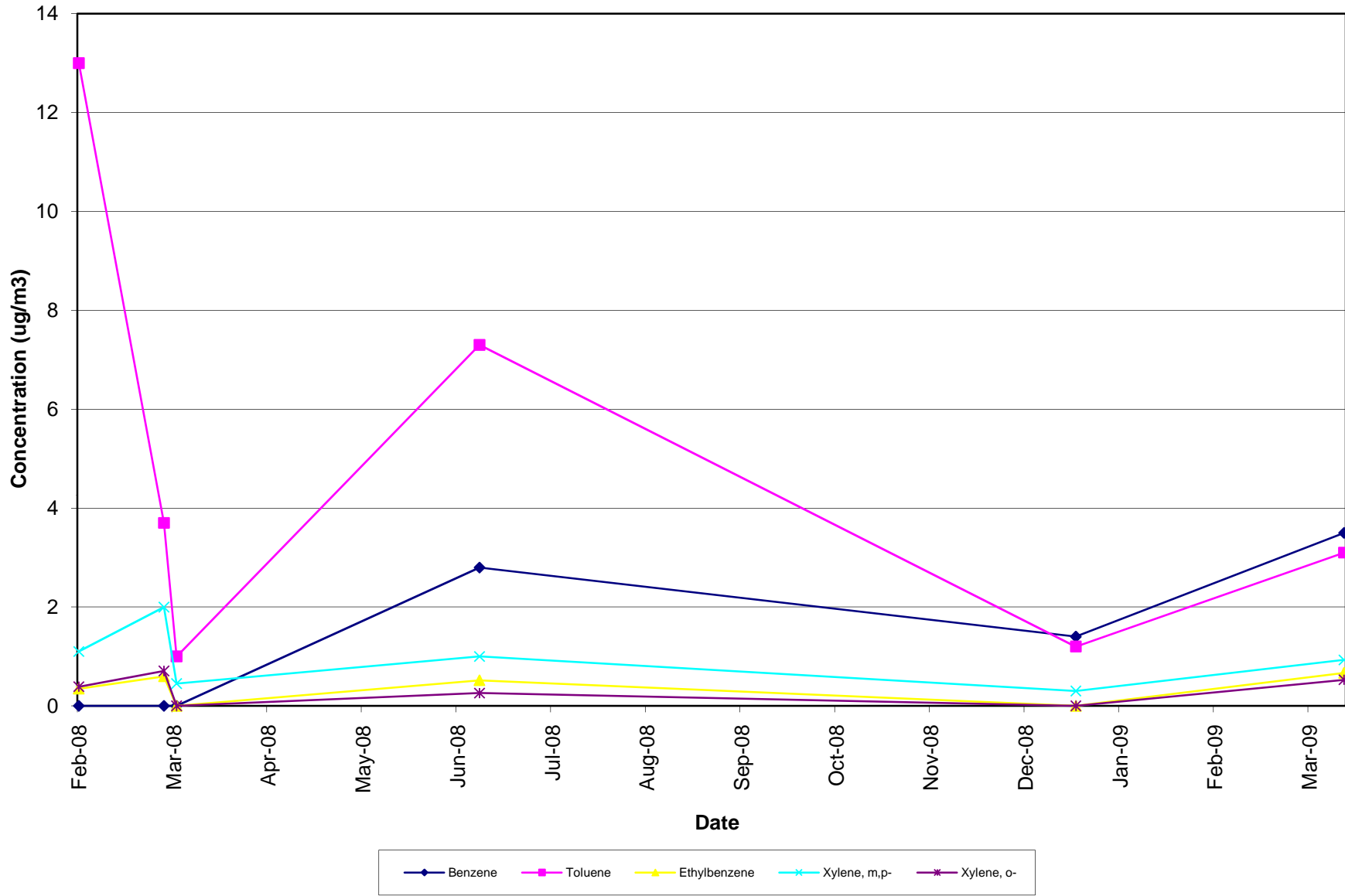


Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.1  
 Bay Shore/Brightwaters Former MGP Site  
**OZSG05**

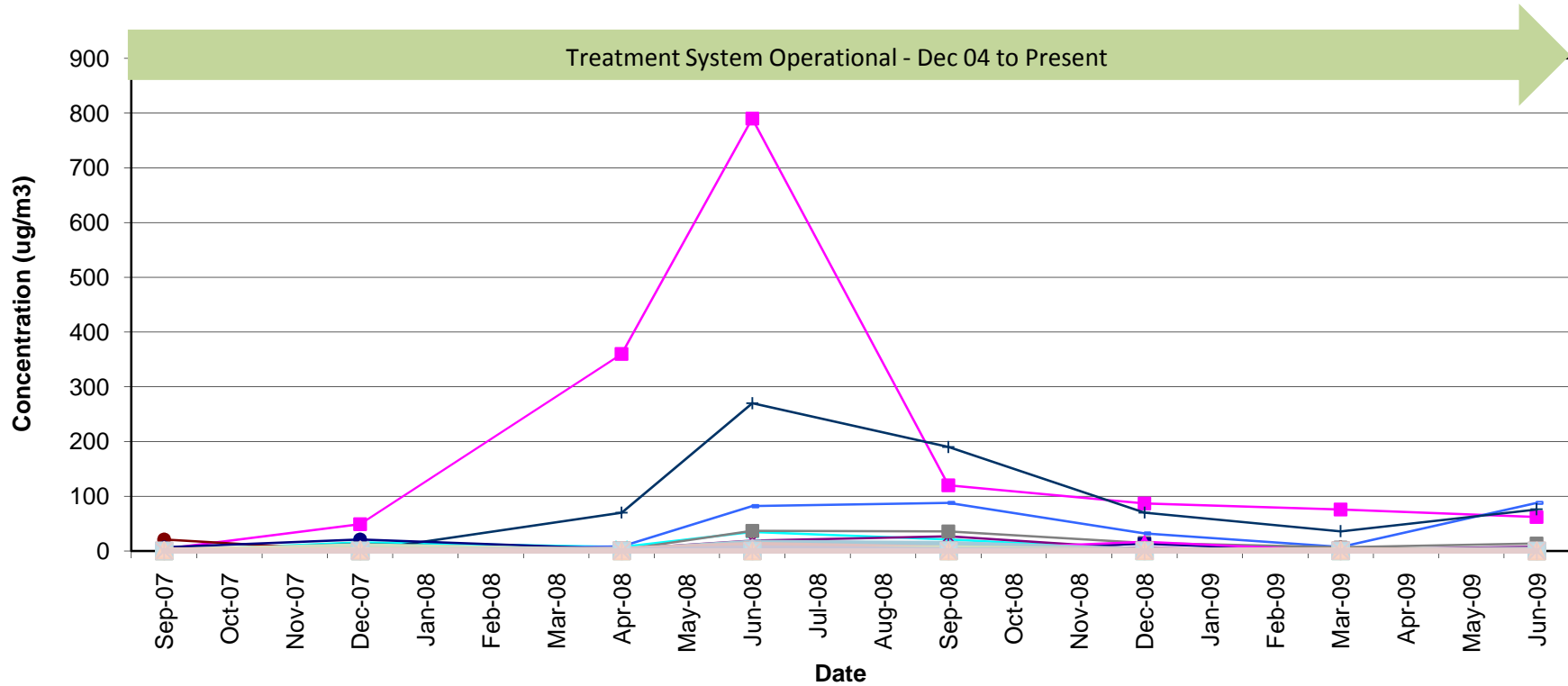


Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.1  
 Bay Shore/Brightwaters Former MGP Site  
**OZSG05 BTEX**

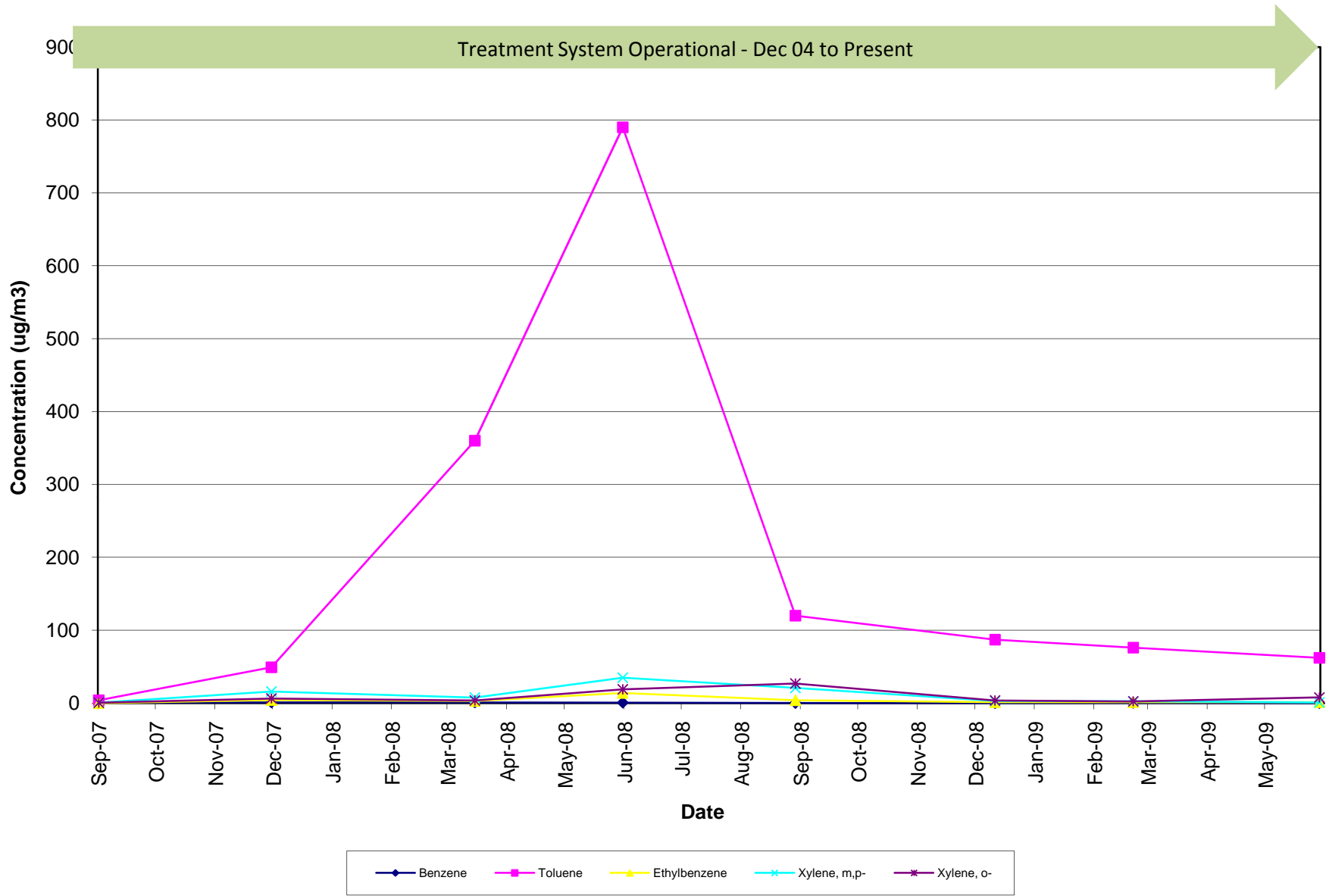


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.3  
Bay Shore/Brightwaters Former MGP Site  
**OU3SG01**

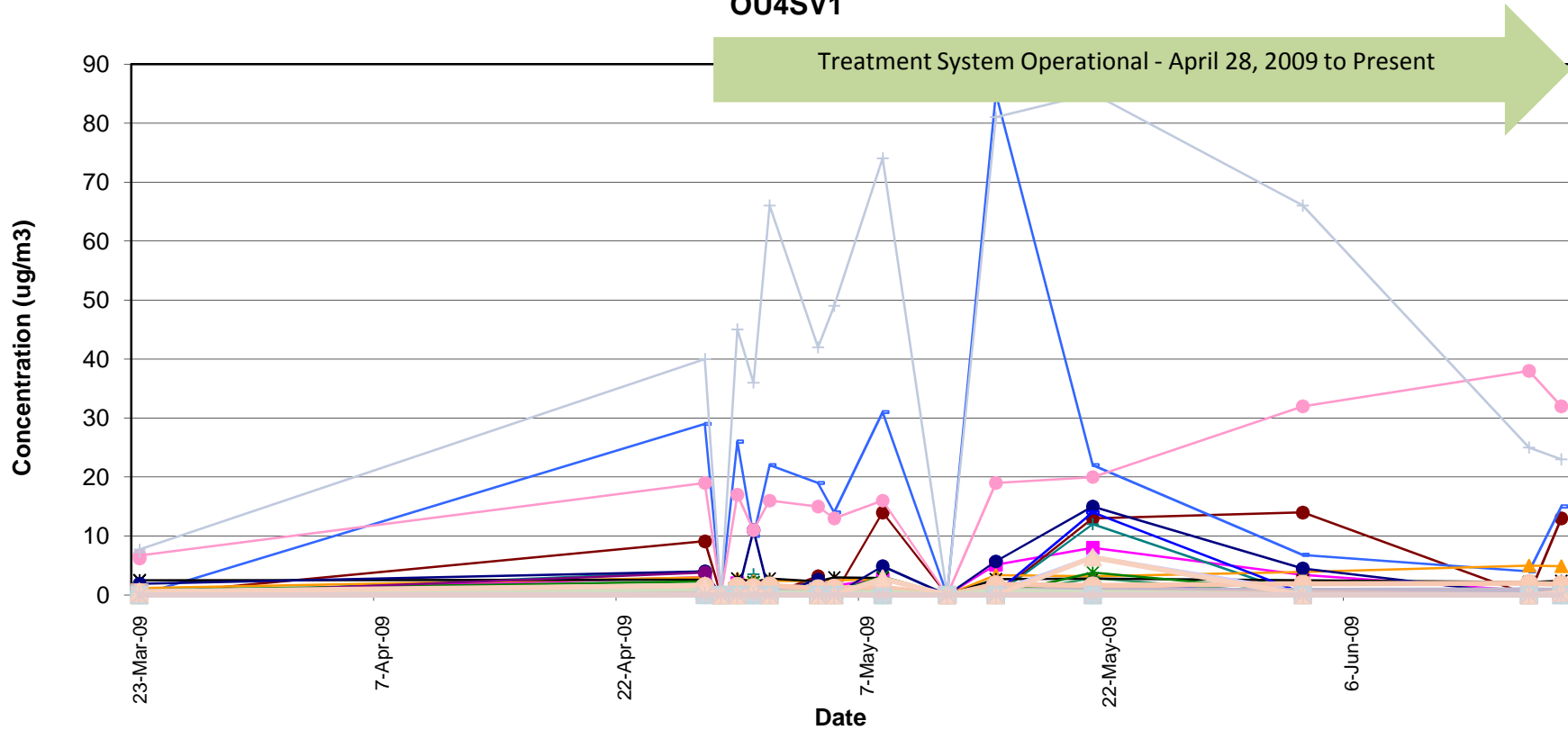


Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.3  
 Bay Shore/Brightwaters Former MGP Site  
**OU3SG01 BTEX**

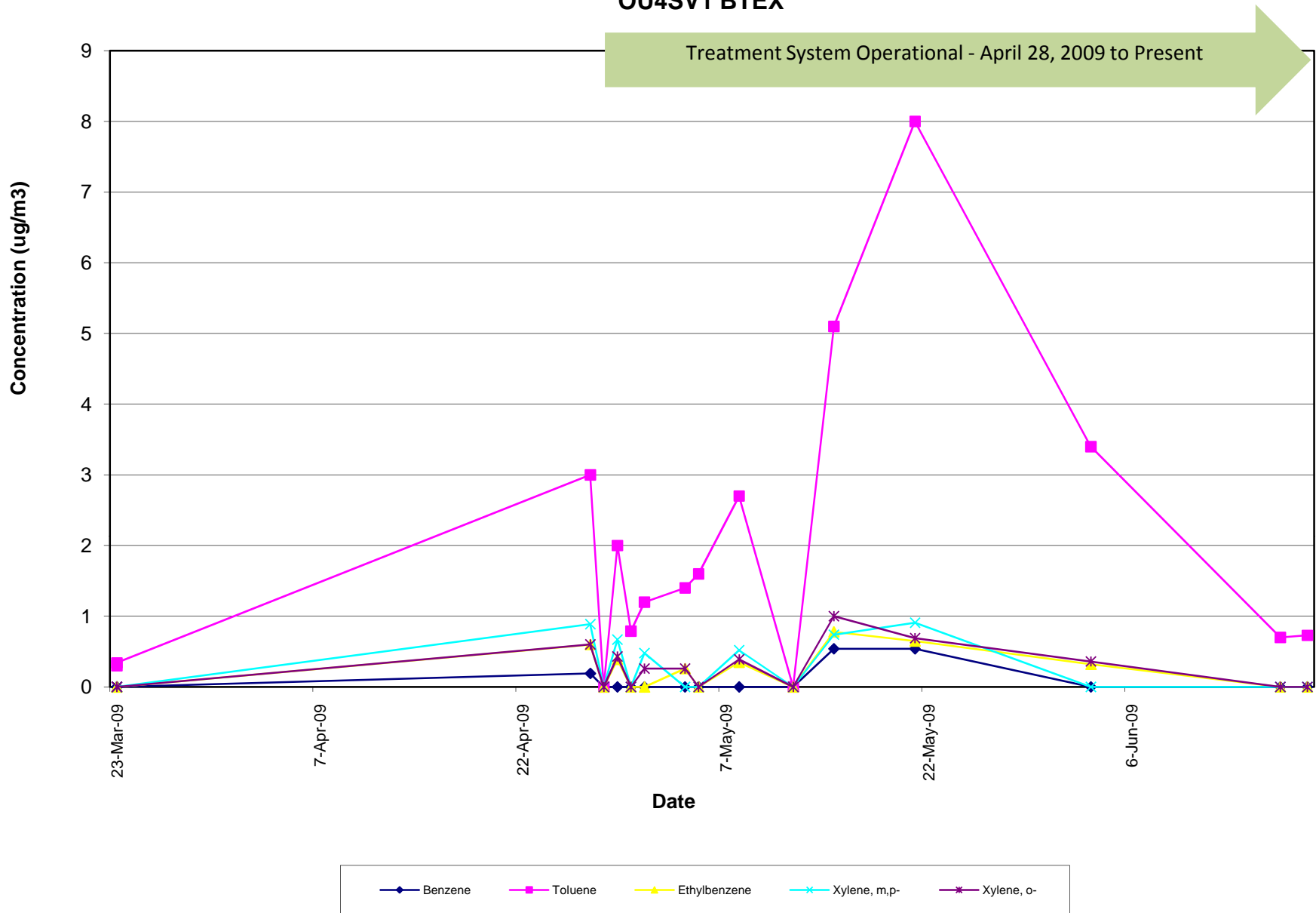


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.3  
Bay Shore/Brightwaters Former MGP Site  
**OU4SV1**



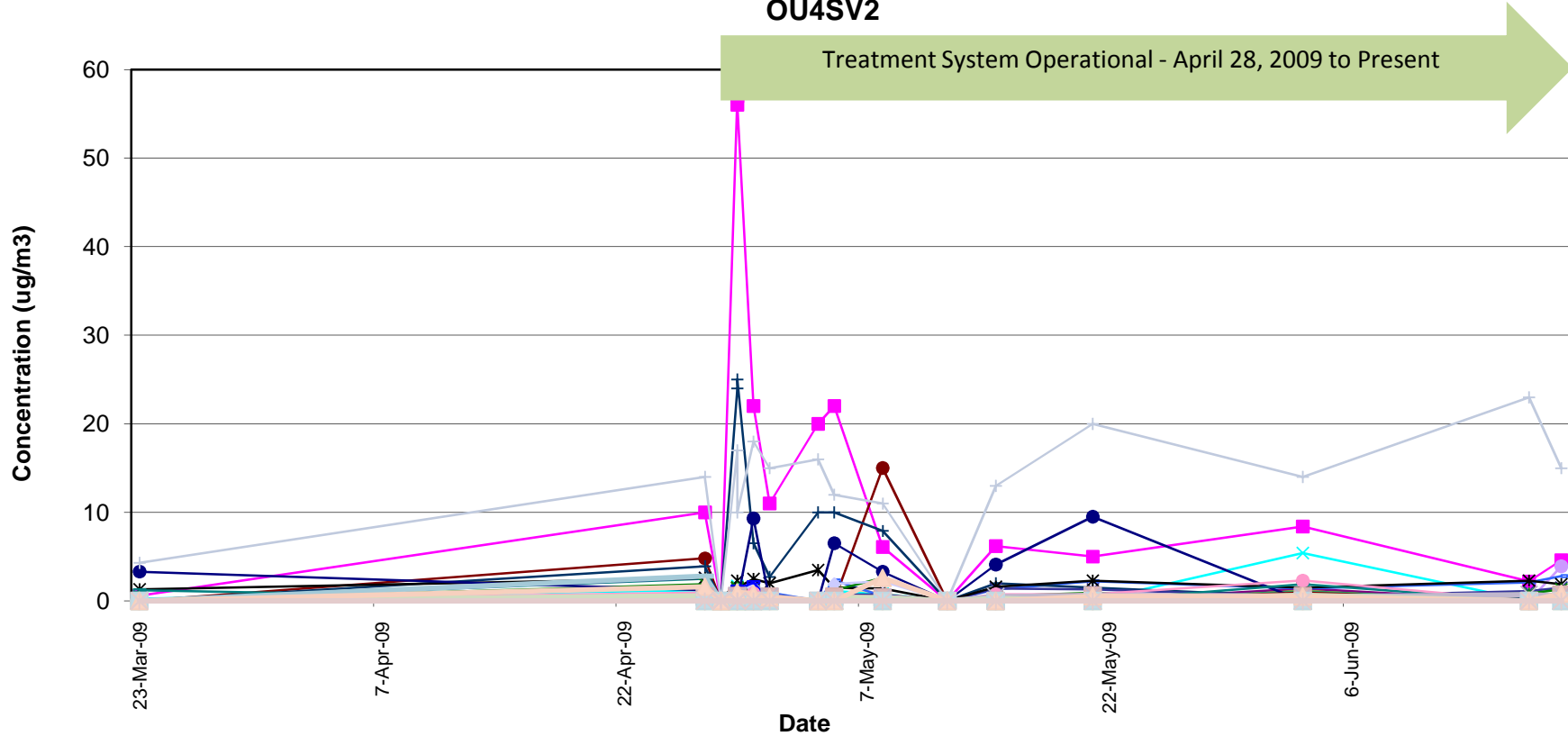
Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.3  
 Bay Shore/Brightwaters Former MGP Site  
**OU4SV1 BTEX**





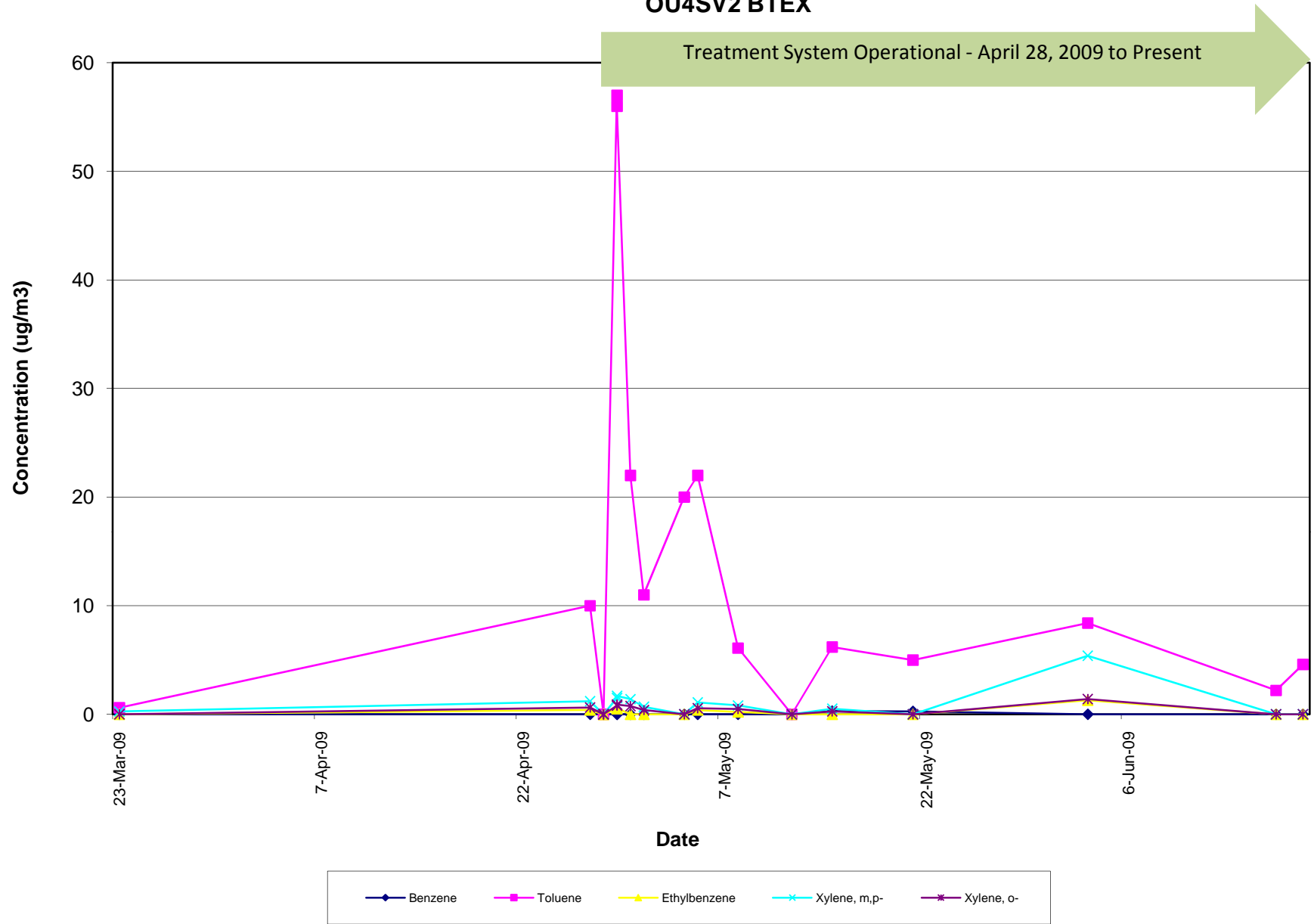
Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.3  
 Bay Shore/Brightwaters Former MGP Site  
**OU4SV2**



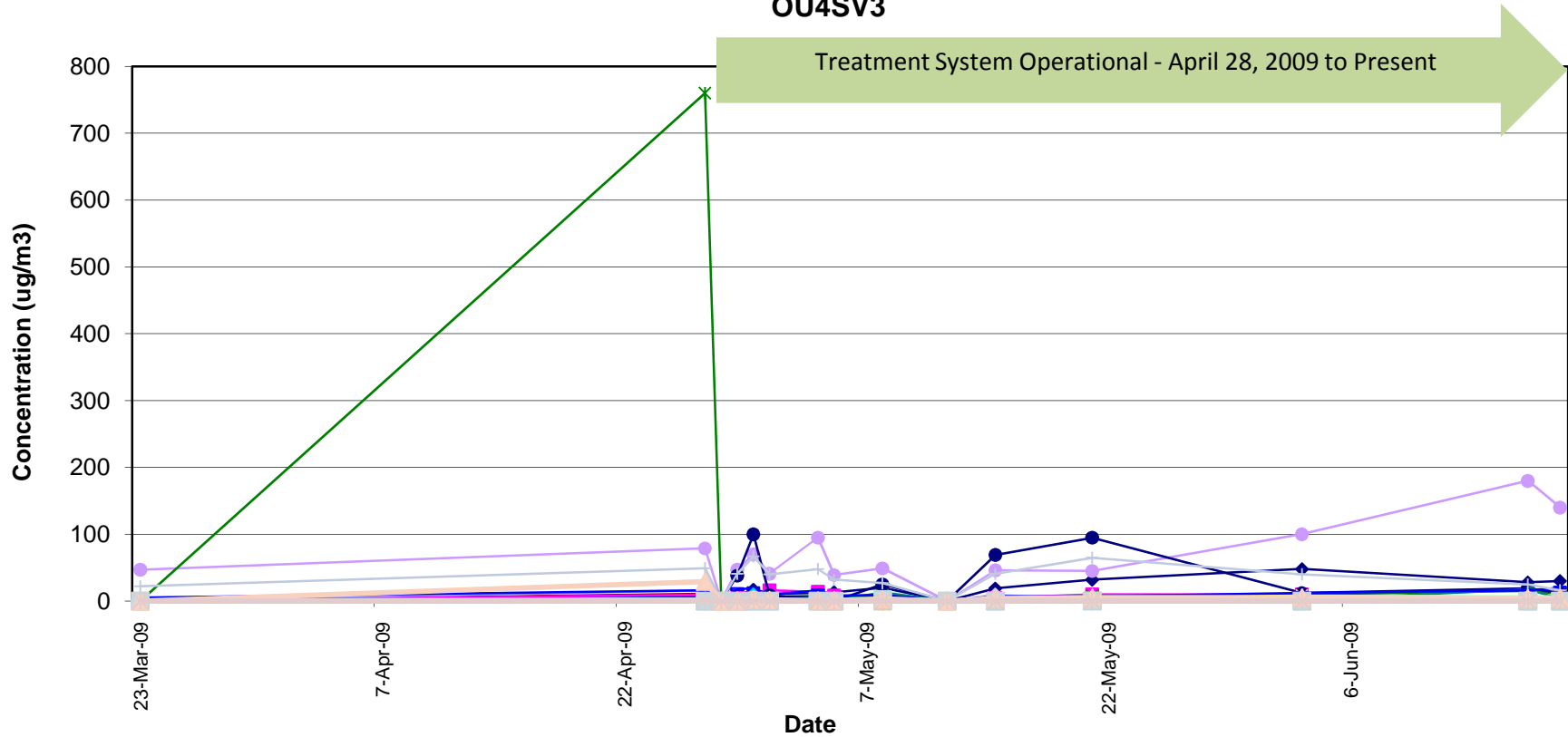
Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.3  
 Bay Shore/Brightwaters Former MGP Site

**OU4SV2 BTEX**

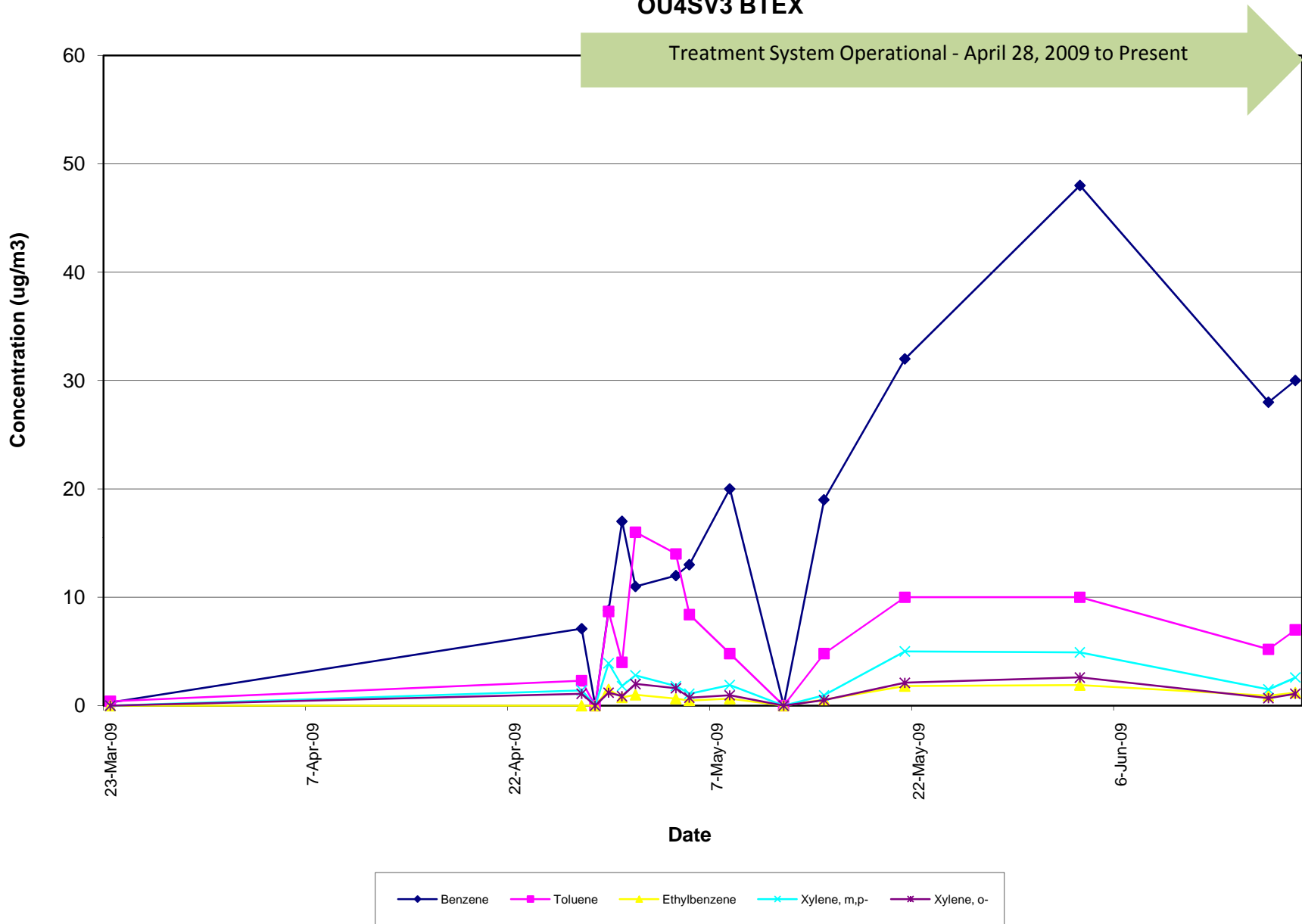


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.3  
Bay Shore/Brightwaters Former MGP Site  
**OU4SV3**

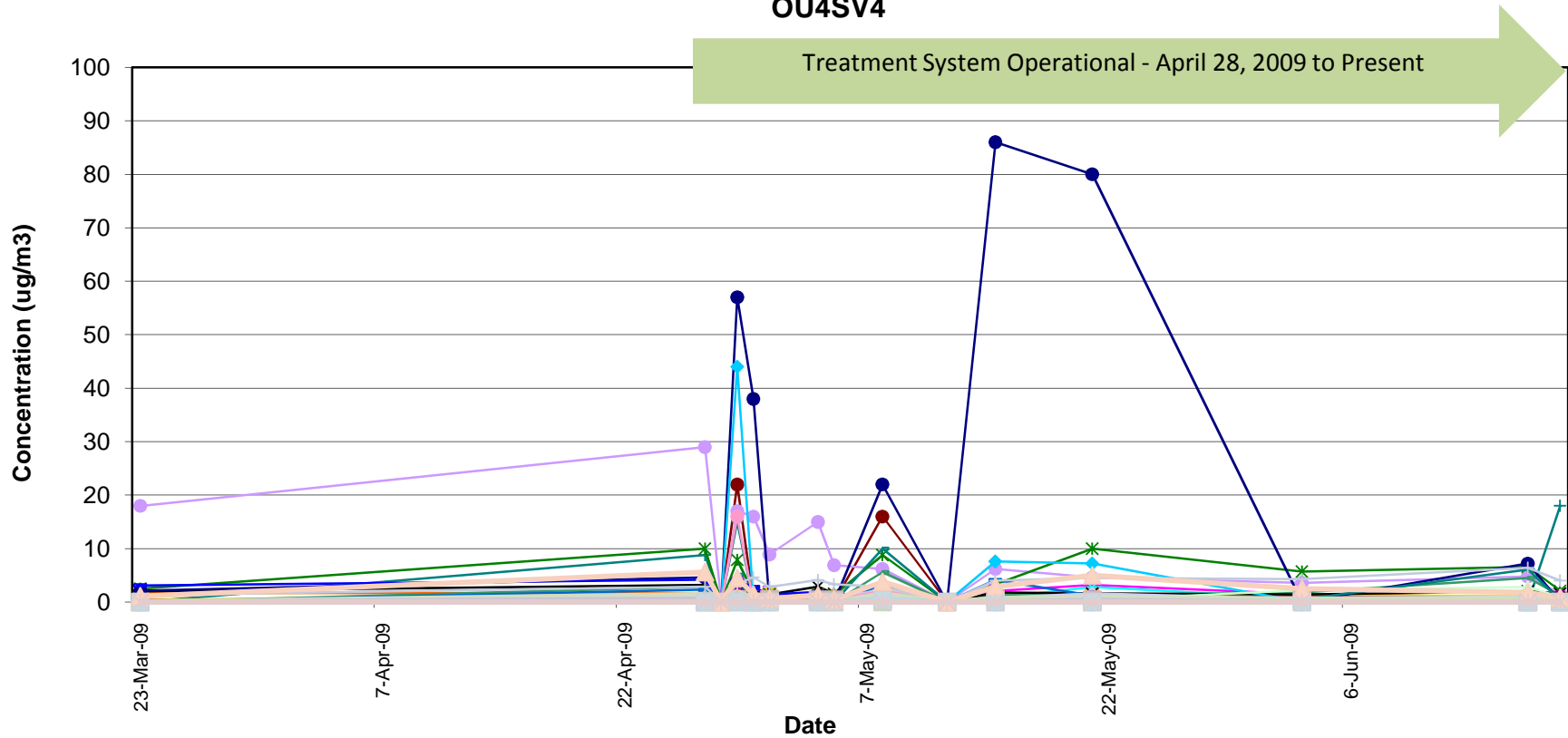


Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.3  
 Bay Shore/Brightwaters Former MGP Site  
**OU4SV3 BTEX**

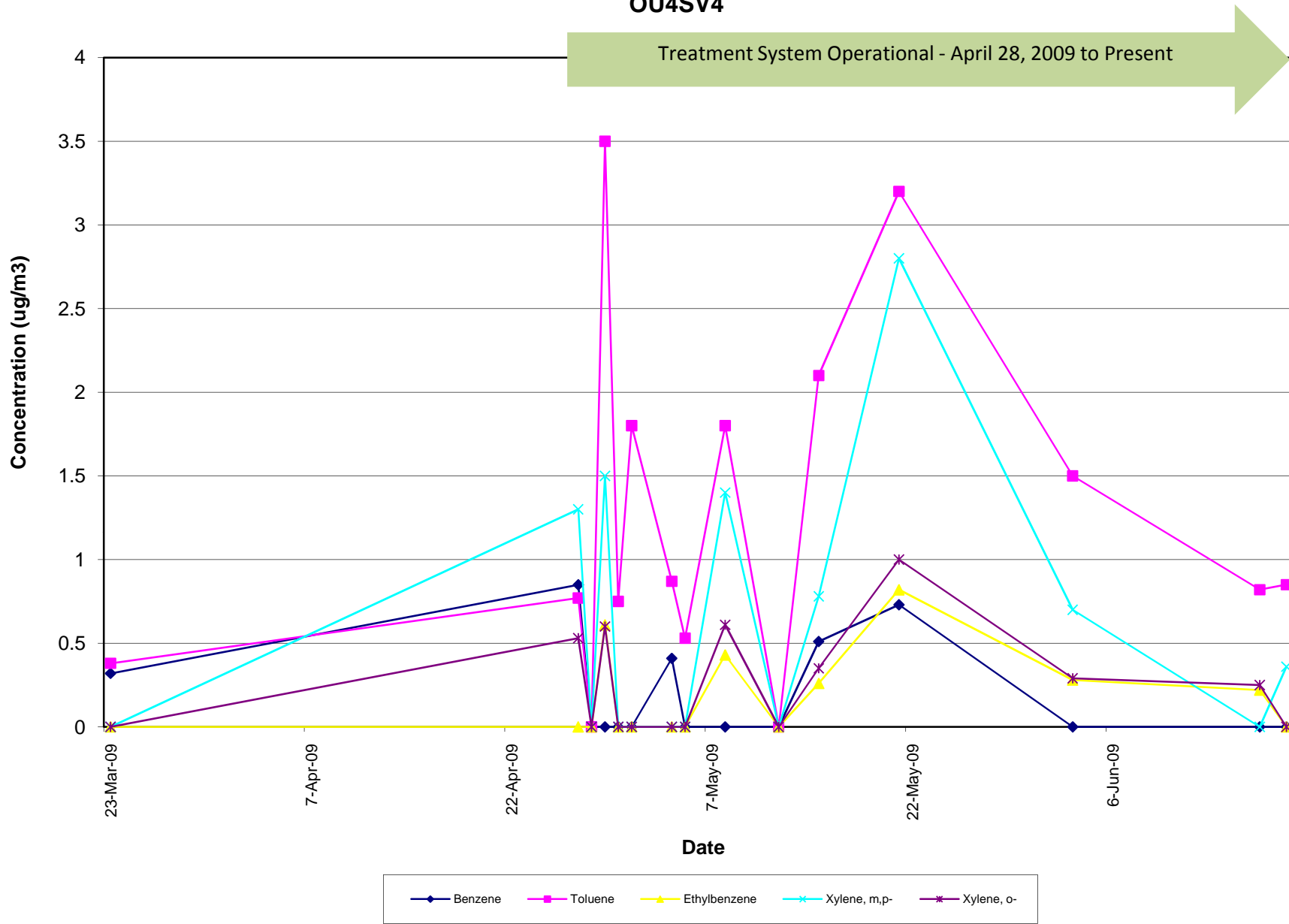


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.3  
Bay Shore/Brightwaters Former MGP Site  
**OU4SV4**




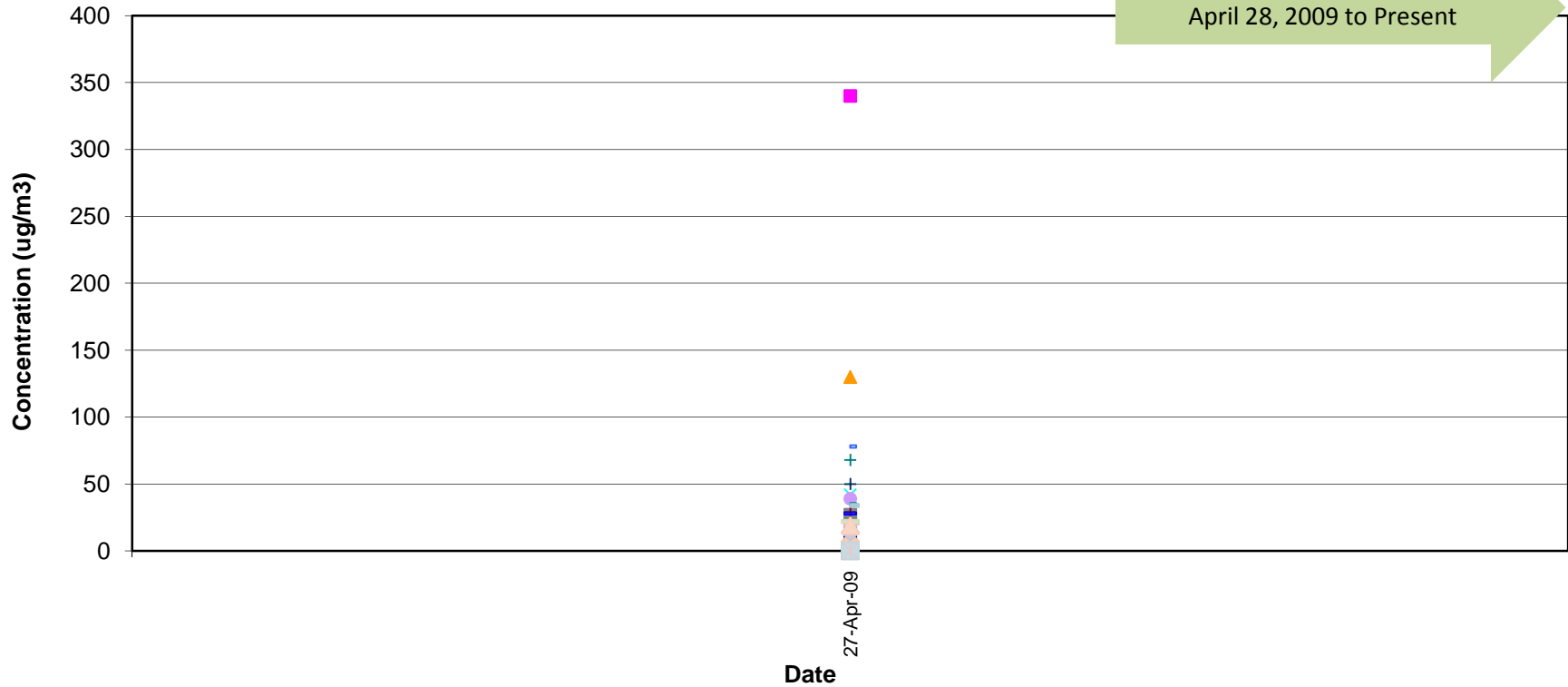
Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
 Soil Vapor Analytical Results  
 Operable Unit No.3  
 Bay Shore/Brightwaters Former MGP Site  
**OU4SV4**



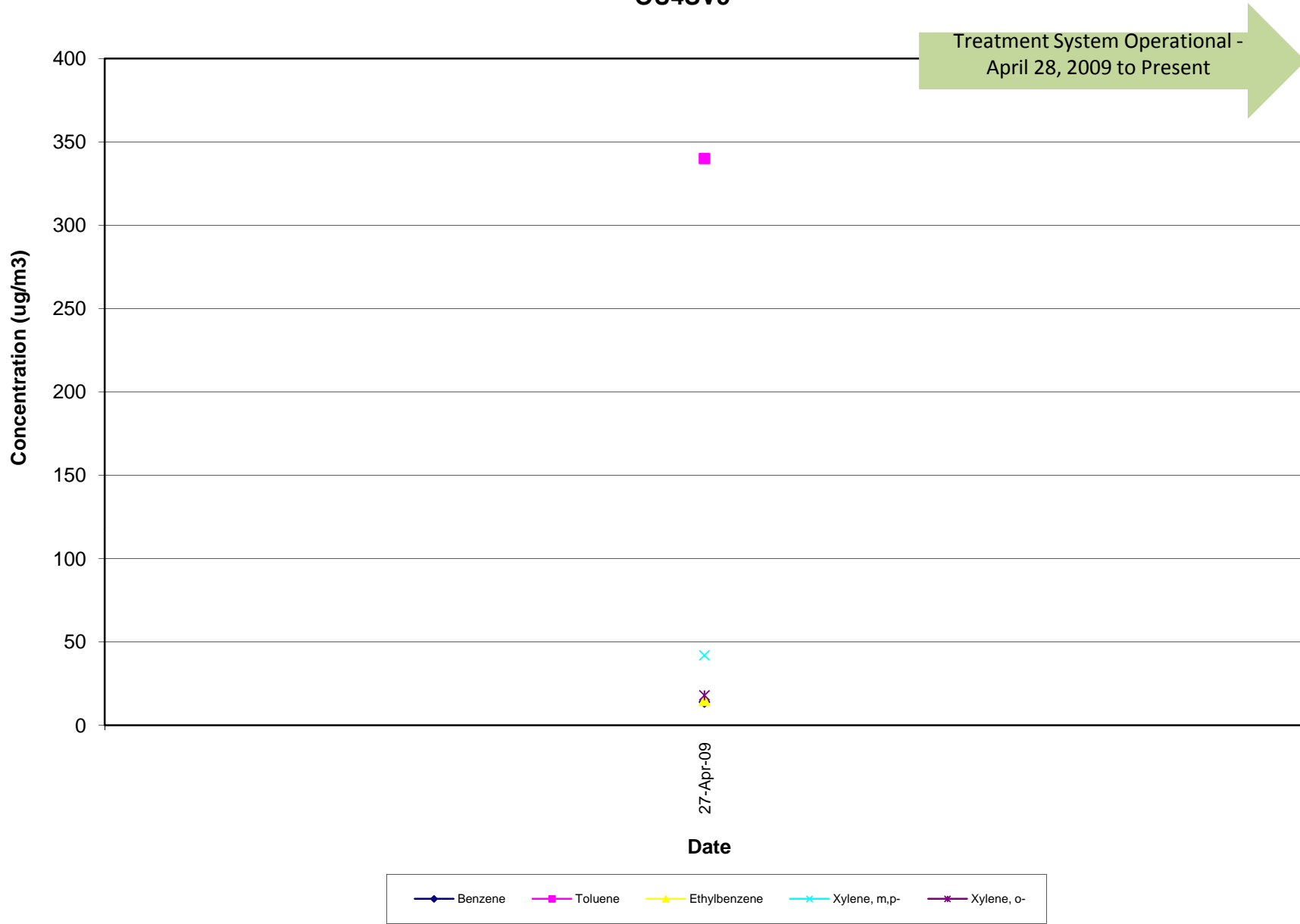
Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.3  
Bay Shore/Brightwaters Former MGP Site  
**OU4SV5**

Treatment System Operational -  
April 28, 2009 to Present

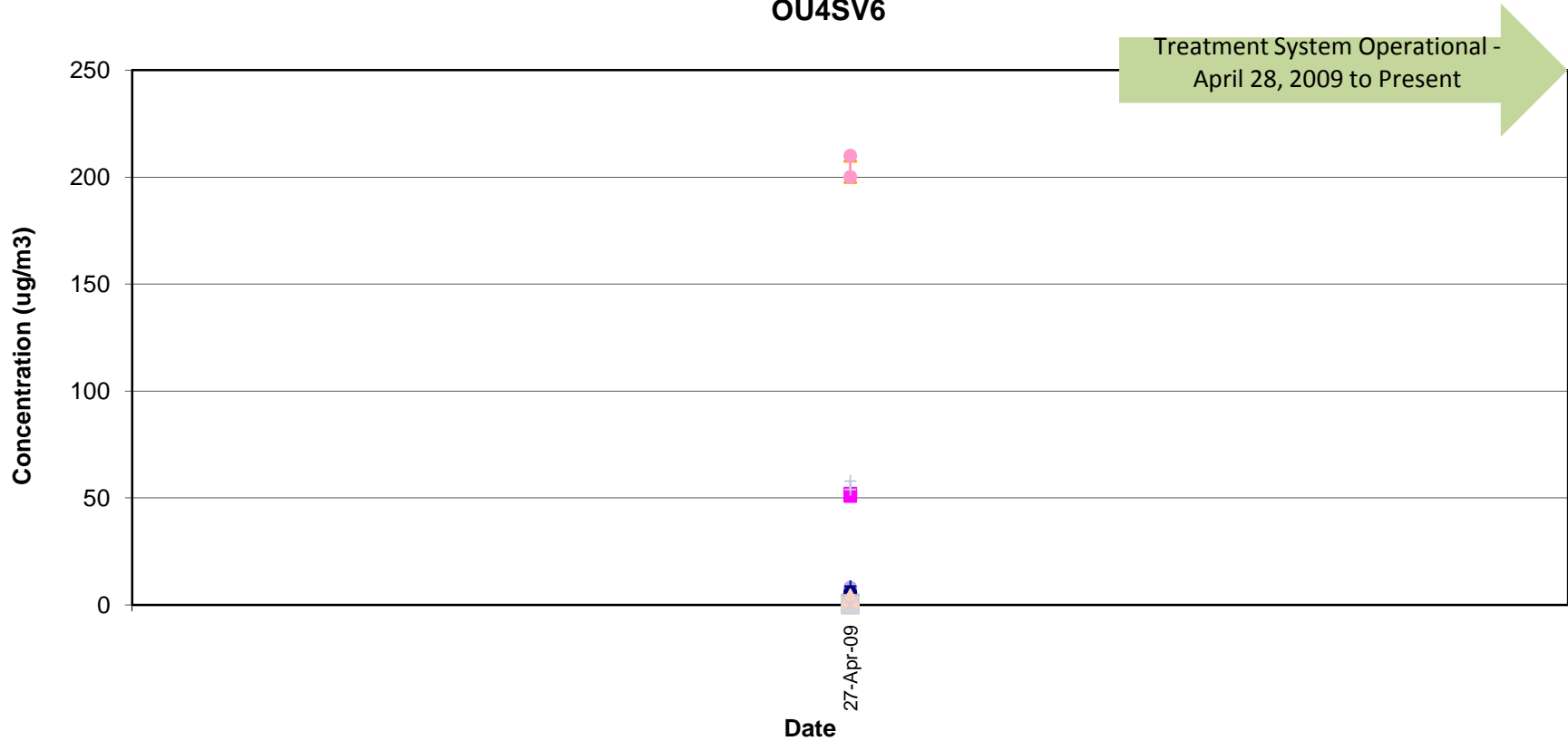
- |                          |   |                            |                          |                              |                          |
|--------------------------|---|----------------------------|--------------------------|------------------------------|--------------------------|
| Benzene                  | Toluene                                 | Ethylbenzene               | Xylene, m,p-             | Xylene, o-                   | Acetaldehyde             |
| Acetone                  | Acrolein (propenal)                     | Allyl chloride             | Benzothiophene           | Bromodichloromethane         | Bromoform                |
| Bromomethane             | Butadiene, 1,3-                         | Butane                     | Butanone, 2-             | Carbon disulfide             | Carbon tetrachloride     |
| Chlorobenzene            | Chloroethane                            | Chloroform                 | Chloromethane            | Chlorotoluene, 2-            | Cryofluorane             |
| Cyclohexane              | Decane, n-                              | Dibromochloromethane       | Dibromoethane, 1,2-      | Dichlorobenzene, 1,2-        | Dichlorobenzene, 1,3-    |
| Dichlorobenzene, 1,4-    | Dichlorodifluoromethane                 | Dichloroethane, 1,1-       | Dichloroethane, 1,2-     | Dichloroethene, 1,1-         | Dichloroethene, cis-1,2- |
| Dichloropropane, 1,2-    | Dichloropropene, cis-1,3                | Dichloropropene, trans-1,3 | Dioxane, 1,4-            | Dodecane, n-                 | Ethanol                  |
| Ethylthiophene, 2-       | Ethyltoluene, p-                        | Heptane, n-                | Hexachlorobutadiene      | Hexane, n-                   | Hexanone, 2-             |
| Hydrogen sulfide         | Indan                                   | Indene                     | Isopropyl benzene        | Methyl tert-butyl ether      | Methyl-2-pentanone, 4-   |
| Methylene chloride       | Methylnaphthalene, 1-                   | Methylnaphthalene, 2-      | Methylthiophene, 2-      | Methylthiophene, 3-          | Naphthalene              |
| Nonane                   | Octane, n-                              | Pentane                    | Propanol, 2-             | Propylbenzene, n-            | Styrene                  |
| t-Butyl alcohol          | Tetrachloroethane, 1,1,2,2-             | Tetrachloroethene          | Tetrahydrofuran          | Tetramethylbenzene, 1,2,4,5- | Thiophene                |
| Trans-1,2-dichloroethene | Trichloro-1,2,2-trifluoroethane, 1,1,2- | Trichlorobenzene, 1,2,4-   | Trichloroethane, 1,1,1-  | Trichloroethane, 1,1,2-      | Trichloroethene          |
| Trichlorofluoromethane   | Trimethylbenzene, 1,2,3-                | Trimethylbenzene, 1,2,4-   | Trimethylbenzene, 1,3,5- | Trimethylpentane, 2,2,4-     | Undecane, n-             |
| Vinyl bromide            | Vinyl chloride                          |                            |                          |                              |                          |

Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.3  
Bay Shore/Brightwaters Former MGP Site  
**OU4SV5**



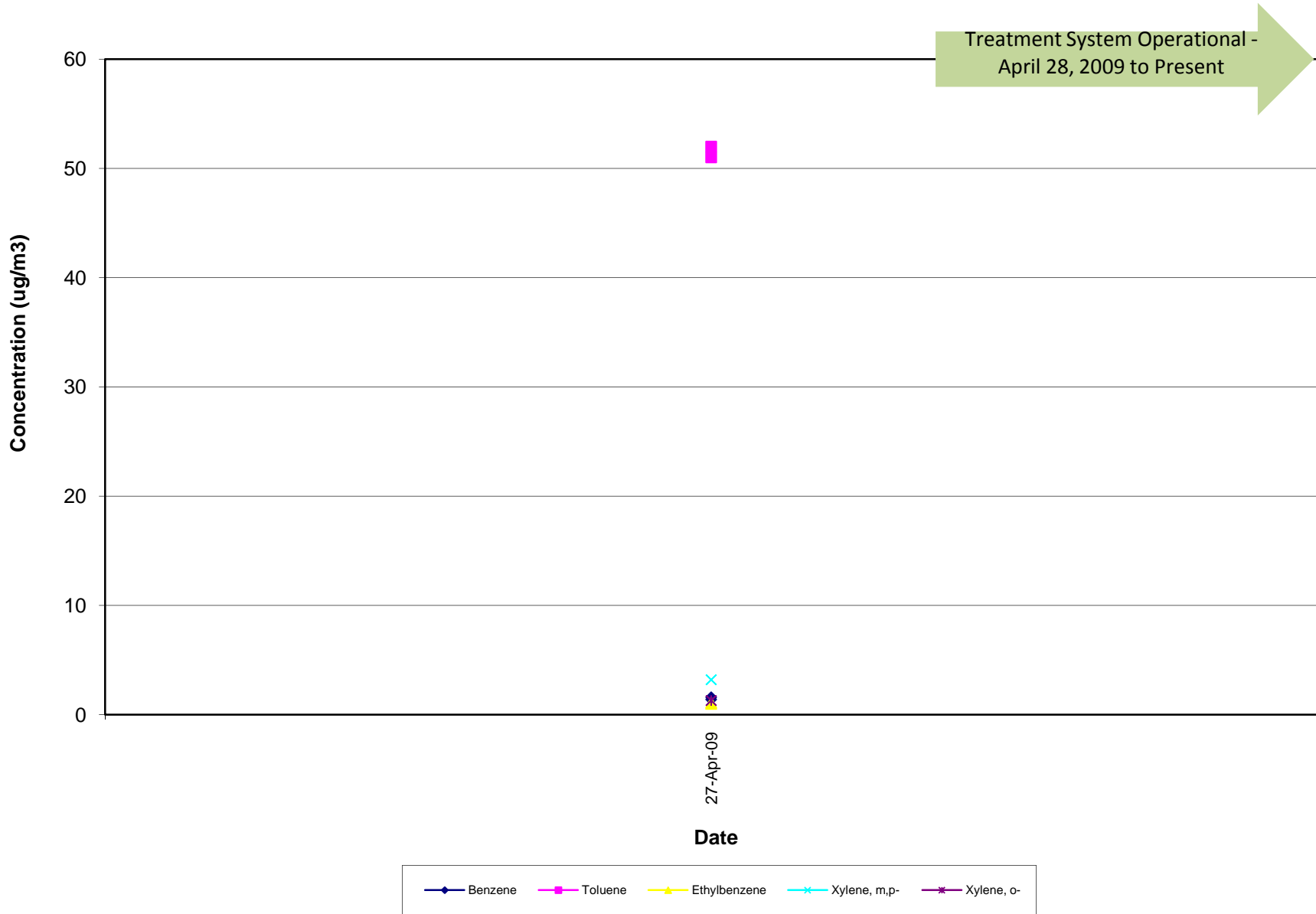


Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.3  
Bay Shore/Brightwaters Former MGP Site  
**OU4SV6**



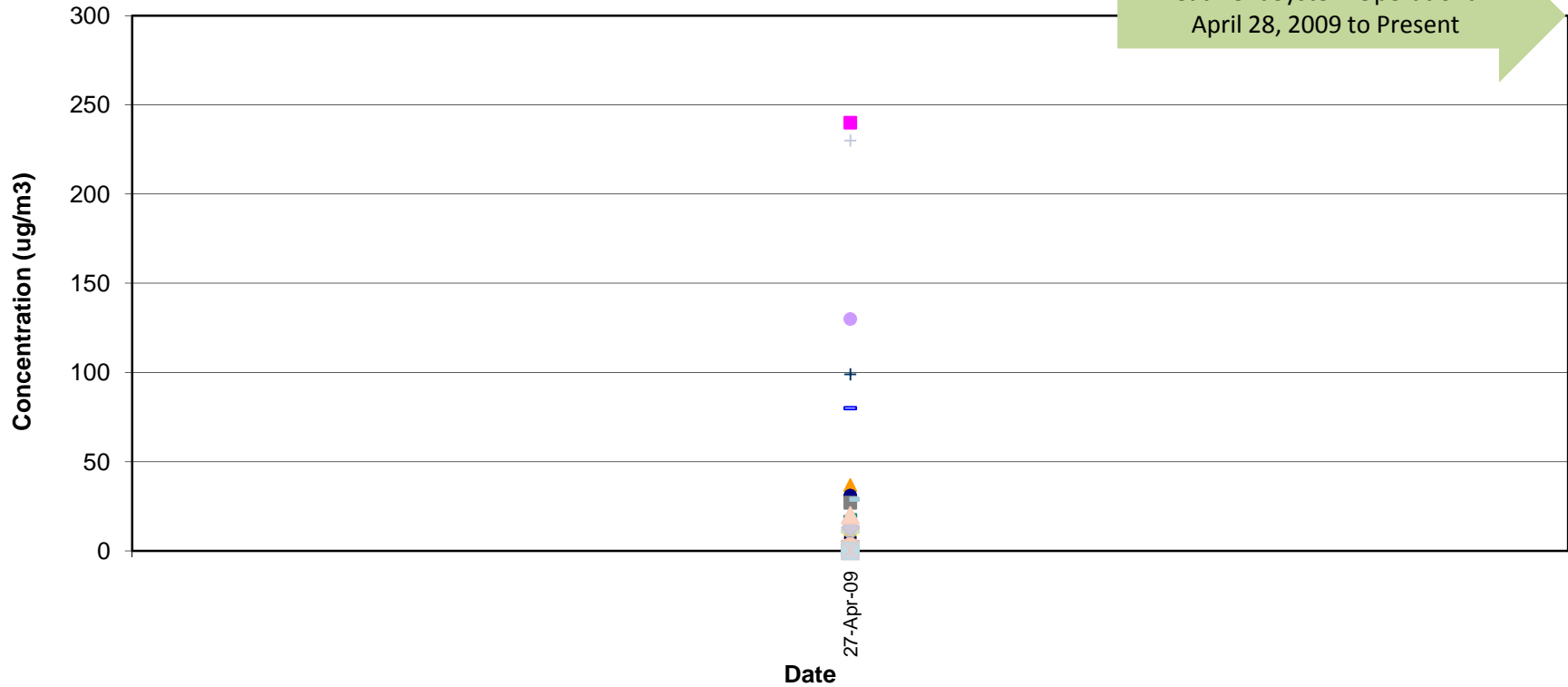
Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.3  
Bay Shore/Brightwaters Former MGP Site  
**OU4SV6**



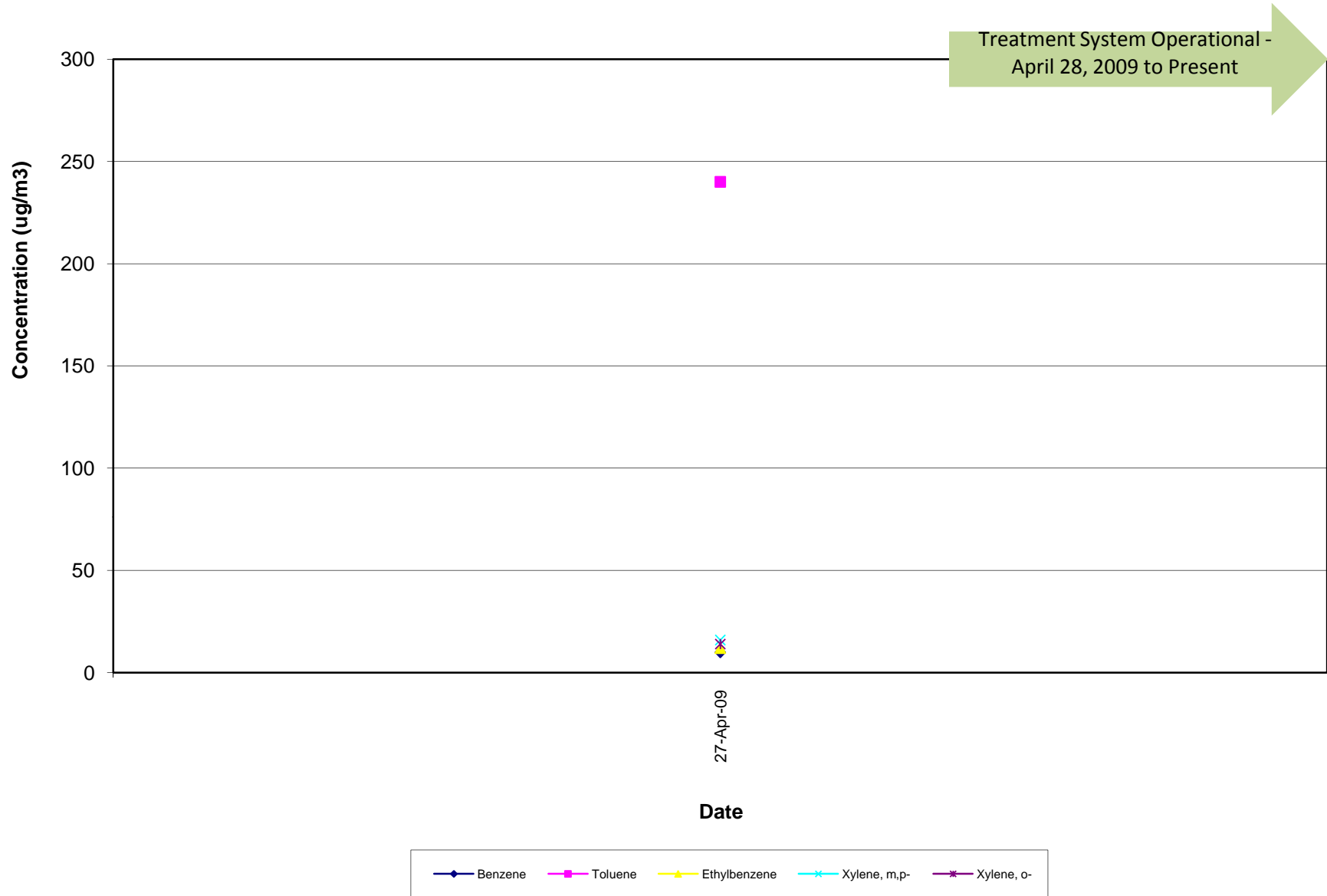
Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.3  
Bay Shore/Brightwaters Former MGP Site  
**OU4SV7**

Treatment System Operational -  
April 28, 2009 to Present



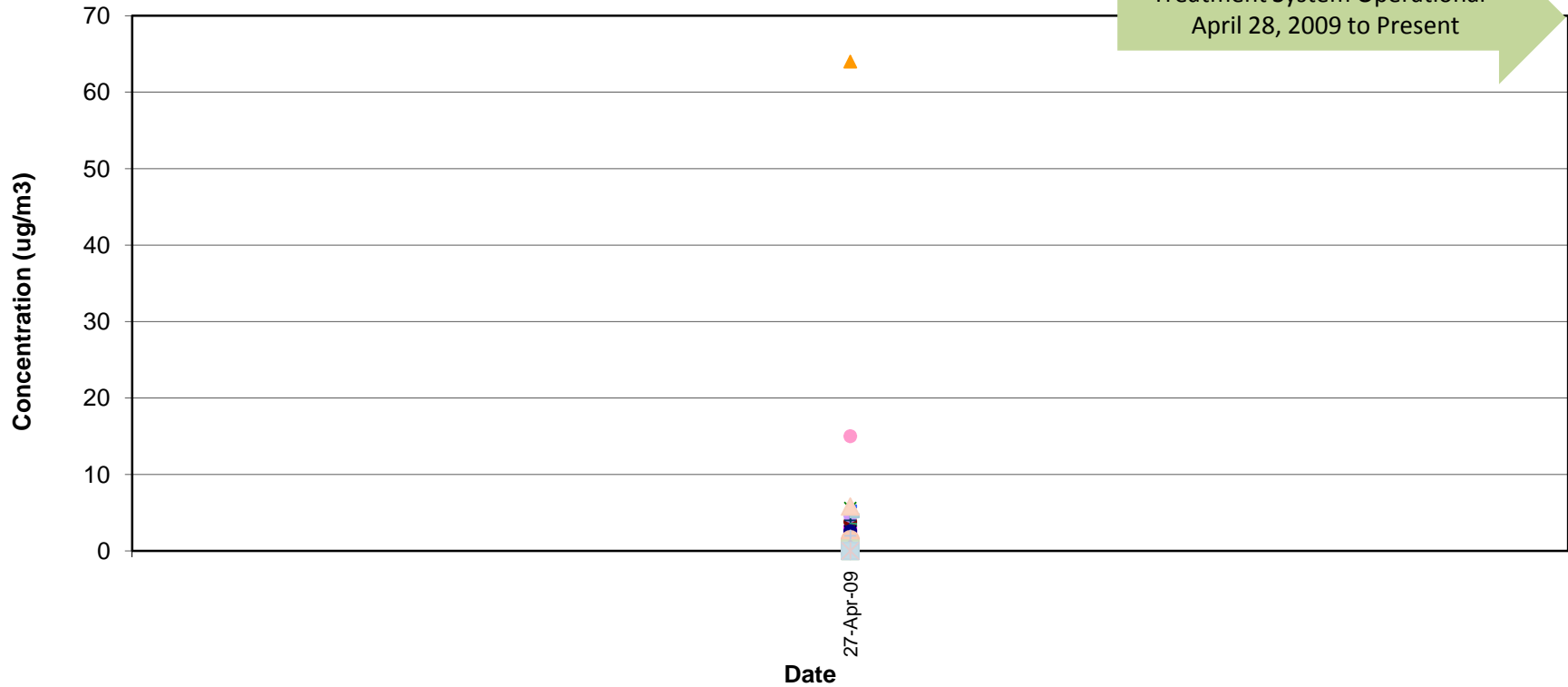
- |                          |   |                            |                          |                              |                          |
|--------------------------|---|----------------------------|--------------------------|------------------------------|--------------------------|
| Benzene                  | Toluene                                 | Ethylbenzene               | Xylene, m,p-             | Xylene, o-                   | Acetaldehyde             |
| Acetone                  | Acrolein (propenal)                     | Allyl chloride             | Benzothiophene           | Bromodichloromethane         | Bromoform                |
| Bromomethane             | Butadiene, 1,3-                         | Butane                     | Butanone, 2-             | Carbon disulfide             | Carbon tetrachloride     |
| Chlorobenzene            | Chloroethane                            | Chloroform                 | Chloromethane            | Chlorotoluene, 2-            | Cryofluorane             |
| Cyclohexane              | Decane, n-                              | Dibromochloromethane       | Dibromoethane, 1,2-      | Dichlorobenzene, 1,2-        | Dichlorobenzene, 1,3-    |
| Dichlorobenzene, 1,4-    | Dichlorodifluoromethane                 | Dichloroethane, 1,1-       | Dichloroethane, 1,2-     | Dichloroethene, 1,1-         | Dichloroethene, cis-1,2- |
| Dichloropropane, 1,2-    | Dichloropropene, cis-1,3                | Dichloropropene, trans-1,3 | Dioxane, 1,4-            | Dodecane, n-                 | Ethanol                  |
| Ethylthiophene, 2-       | Ethyltoluene, p-                        | Heptane, n-                | Hexachlorobutadiene      | Hexane, n-                   | Hexanone, 2-             |
| Hydrogen sulfide         | Indan                                   | Indene                     | Isopropyl benzene        | Methyl tert-butyl ether      | Methyl-2-pentanone, 4-   |
| Methylene chloride       | Methylnaphthalene, 1-                   | Methylnaphthalene, 2-      | Methylthiophene, 2-      | Methylthiophene, 3-          | Naphthalene              |
| Nonane                   | Octane, n-                              | Pentane                    | Propanol, 2-             | Propylbenzene, n-            | Styrene                  |
| t-Butyl alcohol          | Tetrachloroethane, 1,1,2,2-             | Tetrachloroethene          | Tetrahydrofuran          | Tetramethylbenzene, 1,2,4,5- | Thiophene                |
| Trans-1,2-dichloroethene | Trichloro-1,2,2-trifluoroethane, 1,1,2- | Trichlorobenzene, 1,2,4-   | Trichloroethane, 1,1,1-  | Trichloroethane, 1,1,2-      | Trichloroethene          |
| Trichlorofluoromethane   | Trimethylbenzene, 1,2,3-                | Trimethylbenzene, 1,2,4-   | Trimethylbenzene, 1,3,5- | Trimethylpentane, 2,2,4-     | Undecane, n-             |
| Vinyl bromide            | Vinyl chloride                          |                            |                          |                              |                          |

Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.3  
Bay Shore/Brightwaters Former MGP Site  
**OU4SV7 BTEX**



Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.3  
Bay Shore/Brightwaters Former MGP Site  
**OU4SV8**

Treatment System Operational -  
April 28, 2009 to Present



Benzene	Toluene	Ethylbenzene	Xylene, m,p-	Xylene, o-	Acetaldehyde
Acetone	Acrolein (propenal)	Allyl chloride	Benzothiophene	Bromodichloromethane	Bromoform
Bromomethane	Butadiene, 1,3-	Butane	Butanone, 2-	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene, 2-	Cryofluorane
Cyclohexane	Decane, n-	Dibromochloromethane	Dibromoethane, 1,2-	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-
Dichlorobenzene, 1,4-	Dichlorodifluoromethane	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethene, 1,1-	Dichloroethene, cis-1,2-
Dichloropropane, 1,2-	Dichloropropene, cis-1,3	Dichloropropene, trans-1,3	Dioxane, 1,4-	Dodecane, n-	Ethanol
Ethylthiophene, 2-	Ethyltoluene, p-	Heptane, n-	Hexachlorobutadiene	Hexane, n-	Hexanone, 2-
Hydrogen sulfide	Indan	Indene	Isopropyl benzene	Methyl tert-butyl ether	Methyl-2-pentanone, 4-
Methylene chloride	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Methylthiophene, 2-	Methylthiophene, 3-	Naphthalene
Nonane	Octane, n-	Pentane	Propanol, 2-	Propylbenzene, n-	Styrene
t-Butyl alcohol	Tetrachloroethane, 1,1,2,2-	Tetrachloroethene	Tetrahydrofuran	Tetramethylbenzene, 1,2,4,5-	Thiophene
Trans-1,2-dichloroethene	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Trichlorobenzene, 1,2,4-	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethene
Trichlorofluoromethane	Trimethylbenzene, 1,2,3-	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Trimethylpentane, 2,2,4-	Undecane, n-
Vinyl bromide	Vinyl chloride				

Appendix D  
Soil Vapor Analytical Results  
Operable Unit No.3  
Bay Shore/Brightwaters Former MGP Site  
**OU4SV7 BTEX**

