

Appendix E
Discrete Interval Groundwater Sampling Results
Westbay Multi-Port Wells
June 2003 through August 2003

Sample ID	CS-WB01-LGR	CS-WB01-LGR	CS-WB02-LGR	CS-WB02-LGR	CS-WB03-LGR	CS-WB03-LGR	CS-WB03-LGR	CS-WB03-LGR												
Sample Date	06/12/03	06/13/03	06/20/03	06/23/03	06/30/03	06/30/03	06/30/03	06/30/03												
Sample Type	N	N	N	N	N	N	N	N												
Sample Beginning Depth	237	297	126	297	107	117	229	229												
Sample Ending Depth	249	309	138	309	119	129	241	241												
Lab Sample ID	0306087	0306087	0306114	0306114	0307009	0307009	0307009	0307009												
Sample Matrix	WG	WG	WG	WG	WG	WG	WG	WG												
Sample Number	1	1	1	1	1	1	1	1												
Dilution	1	1	1	1	1	1	1	1												
<i>Method</i>																				
Analyte	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL
<i>SW8260B (ug/L)</i>																				
Acetone	12.0		12.0	1	12.0		12.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1
Butanone, 2-	12.0		12.0	1	12.0		12.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1
Dichloroethene, cis-1,2-	0.2		0.2	1	0.58		0.2	1	0.2		0.2	1	0.2		0.2	1	0.47		0.2	1
Dichloroethene, trans-1,2-	0.2		0.2	1	0.2		0.2	1	0.7		0.7	1	0.7		0.7	1	0.7		0.7	1
Tetrachloroethene	15.1		1.0	1	10.0		1.0	1	4.89		0.7	1	9.57		0.7	1	32.1		0.7	1
Toluene	1.0		1.0	1	1.9		1.0	1	2.4		0.7	1	2.32		0.7	1	1.8		0.7	1
Trichloroethene	16.6		1.0	1	21.0		1.0	1	0.1		0.1	1	2.92		0.1	1	3.36		0.1	1

Sample ID	CS-WB03-LGR	CS-WB04	CS-WB04	CS-WB04	CS-WB04	CS-WB04	CS-WB04	CS-WB04												
Sample Date	07/01/03	07/21/03	07/22/03	07/22/03	07/22/03	07/22/03	07/22/03	07/24/03												
Sample Type	N	N	N	N	N	N	N	N												
Sample Beginning Depth	298	327	304	362	458	476	476	0												
Sample Ending Depth	310	339	316	374	470	488	488	255												
Lab Sample ID	0307009	0307108	0307108	0307108	0307108	0307108	0307108	0307127												
Sample Matrix	WG	WG	WG	WG	WG	WG	WG	WG												
Sample Number	1	1	1	1	1	1	1	1												
Dilution	1	1	1	1	1	1	1	1												
<i>Method</i>																				
Analyte	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL
<i>SW8260B (ug/L)</i>																				
Acetone	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1
Butanone, 2-	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1
Dichloroethene, cis-1,2-	0.25		0.2	1	0.2		0.2	1	0.2		0.2	1	0.2		0.2	1	0.2		0.2	1
Dichloroethene, trans-1,2-	0.7		0.7	1	0.7		0.7	1	0.7		0.7	1	0.7		0.7	1	0.7		0.7	1
Tetrachloroethene	380.0		14.0	20	0.7		0.7	1	7.9		0.7	1	0.7		0.7	1	1.7		0.7	1
Toluene	122.0		0.7	1	0.7		0.7	1	0.7		0.7	1	2.43		0.7	1	12.3		0.7	1
Trichloroethene	8.37		0.1	1	0.84		0.1	1	9.13		0.1	1	0.23		0.1	1	1.69		0.1	1

Appendix E
Discrete Interval Groundwater Sampling Results
Westbay Multi-Port Wells
June 2003 through August 2003

Sample ID	CS-WB01-LGR				CS-WB01-LGR				CS-WB02-LGR				CS-WB02-LGR				CS-WB03-LGR				CS-WB03-LGR											
Sample Date	06/12/03				06/13/03				06/20/03				06/23/03				06/30/03				06/30/03											
Sample Type	N				N				N				N				N				N											
Sample Beginning Depth	237				297				126				297				107				117				229							
Sample Ending Depth	249				309				138				309				119				129				241							
Lab Sample ID	0306087				0306087				0306114				0306114				0307009				0307009				0307009							
Sample Matrix	WG				WG				WG				WG				WG				WG				WG							
Sample Number	1				1				1				1				1				1				1							
Dilution	1				1				1				1				1				1				1							
<i>Method</i>																																
Analyte	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL				
<i>SW8260B (ug/L)</i>																																
Acetone	12.0		12.0	1	12.0		12.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1
Butanone, 2-	12.0		12.0	1	12.0		12.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1
Dichloroethene, cis-1,2-	0.2		0.2	1	0.58		0.2	1	0.2		0.2	1	0.2		0.2	1	0.2		0.2	1	0.47		0.2	1	0.69		0.2	1	0.7		0.2	1
Dichloroethene, trans-1,2-	0.2		0.2	1	0.2		0.2	1	0.7		0.7	1	0.7		0.7	1	0.7		0.7	1	0.7		0.7	1	0.7		0.7	1	0.7		0.7	1
Tetrachloroethene	15.1		1.0	1	10.0		1.0	1	4.89		0.7	1	9.57		0.7	1	32.1		0.7	1	109.0		0.7	1	767.0		14.0	20	197.0		14.0	20
Toluene	1.0		1.0	1	1.9		1.0	1	2.4		0.7	1	2.32		0.7	1	1.8		0.7	1	15.3		0.7	1	197.0		14.0	20	197.0		14.0	20
Trichloroethene	16.6		1.0	1	21.0		1.0	1	0.1		0.1	1	2.92		0.1	1	3.36		0.1	1	14.4		0.1	1	21.3		0.1	1	21.3		0.1	1

Sample ID	CS-WB03-LGR				CS-WB04				CS-WB04				CS-WB04				CS-WB04				CS-WB04															
Sample Date	07/01/03				07/21/03				07/22/03				07/22/03				07/22/03				07/24/03															
Sample Type	N				N				N				N				N				N															
Sample Beginning Depth	298				327				304				362				458				476				0											
Sample Ending Depth	310				339				316				374				470				488				255											
Lab Sample ID	0307009				0307108				0307108				0307108				0307108				0307108				0307127											
Sample Matrix	WG				WG				WG				WG				WG				WG				WG											
Sample Number	1				1				1				1				1				1				1											
Dilution	1				1				1				1				1				1				1											
<i>Method</i>																																				
Analyte	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL				
<i>SW8260B (ug/L)</i>																																				
Acetone	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1
Butanone, 2-	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1	5.0		5.0	1
Dichloroethene, cis-1,2-	0.25		0.2	1	0.2		0.2	1	0.24		0.2	1	0.2		0.2	1	0.2		0.2	1	0.2		0.2	1	0.2		0.2	1	0.2		0.2	1	0.2		0.2	1
Dichloroethene, trans-1,2-	0.7		0.7	1	0.7		0.7	1	0.7		0.7	1	0.7		0.7	1	0.7		0.7	1	0.7		0.7	1	0.7		0.7	1	0.7		0.7	1	0.7		0.7	1
Tetrachloroethene	380.0		14.0	20	0.7		0.7	1	7.9		0.7	1	0.7		0.7	1	1.7		0.7	1	1.0		0.7	1	6.1		0.7	1	6.1		0.7	1	6.1		0.7	1
Toluene	122.0		0.7	1	0.7		0.7	1	0.7		0.7	1	2.43		0.7	1	12.3		0.7	1	7.16		0.7	1	15.7		0.7	1	15.7		0.7	1	15.7		0.7	1
Trichloroethene	8.37		0.1	1	0.84		0.1	1	9.13		0.1	1	0.23		0.1	1	1.69		0.1	1	1.12		0.1	1	1.94		0.1	1	1.94		0.1	1	1.94		0.1	1

Appendix E
Investigation-Derived Waste Profiling
Solid Fraction from Drilling and Well Development
July 2002 through August 2003

Sample ID	CS-MW18-CUTT	RO-CS-MW18-COMP	MW19-LGR-CUTT	CS-MWH-LGR-CUTT	RO-2503	SO-IDW-1	SO-IDW-2	SO-IDW-3
Sample Date	07/30/02	07/30/02	08/16/02	09/16/02	09/18/02	09/18/02	09/18/02	09/18/02
Sample Type	N	N	N	N	N	N	N	N
Lab Sample ID	0207195	0207195	0208100	0209082	0209082	0209082	0209082	0209082
Sample Matrix	SD	SD	SD	SD	SD	SD	SD	SD
Method								
Analyte	Result	Flag	SQL	DL	Result	Flag	SQL	DL
<i>SW8260B (ug/L)</i>								
Acetone	96	96	1		1320	1090	10	
Butanone, 2-	12	12	1		26	26	1	
Dichloroethene, cis-1,2-	0.83	0.83	1		1.9	1.9	1	
Dichloroethene, trans-1,2-	0.9	0.9	1		2	2	1	
Tetrachloroethene	0.95	0.95	1		2.2	2.2	1	
Toluene	4.3	4.3	1		9.8	9.8	1	
Trichloroethene	1.7	1.7	1		3.9	3.9	1	

Sample ID	MW12-CC-CUTT	MW12-LGR-CUTT	CS-MW11-BS-CUTT	RO-01+02+04	RO-03+05	CS-MW1-CC-CUTT	RO-01+02	RO-03+05
Sample Date	09/26/02	09/26/02	11/21/02	01/06/03	01/06/03	01/06/03	03/11/03	03/11/03
Sample Type	N	N	N	N	N	N	N	N
Lab Sample ID	0209135	0209135	0211104	0301010	0301010	0301010	0303050	0303050
Sample Matrix	SD	SD	SD	SD	SD	SD	SD	SD
Method								
Analyte	Result	Flag	SQL	DL	Result	Flag	SQL	DL
<i>SW8260B (ug/L)</i>								
Acetone	1080	909	10		89	89	1	
Butanone, 2-	8.5	8.5	1		11	11	1	
Dichloroethene, cis-1,2-	0.61	0.61	1		0.77	0.77	1	
Dichloroethene, trans-1,2-	0.66	0.66	1		0.84	0.84	1	
Tetrachloroethene	0.7	0.7	1		0.88	0.88	1	
Toluene	3.2	3.2	1		4	4	1	
Trichloroethene	1.3	1.3	1		1.6	1.6	1	

Sample ID	RO-04+06	SO-IDW-1	CS-MW11-LGR-A	CS-MW11-LGR-B	RO-2503	RO-2501	RO-2502	CS-MW16-CC
Sample Date	03/11/03	03/11/03	04/24/03	04/24/03	06/25/03	06/25/03	06/25/03	06/25/03
Sample Type	N	N	N	N	N	N	N	N
Lab Sample ID	0303050	0303050	0304147	0304147	0306138	0306138	0306138	0306138
Sample Matrix	SD	SD	SD	SD	SD	SD	SD	SD
Method								
Analyte	Result	Flag	SQL	DL	Result	Flag	SQL	DL
<i>SW8260B (ug/L)</i>								
Acetone	3080	1770	50		100	100	1	
Butanone, 2-	21	21	1		12	12	1	
Dichloroethene, cis-1,2-	1.5	1.5	1		0.89	0.89	1	
Dichloroethene, trans-1,2-	1.7	1.7	1		0.97	0.97	1	
Tetrachloroethene	1.7	1.7	1		1	1	1	
Toluene	7.9	7.9	1		4.6	4.6	1	
Trichloroethene	3.2	3.2	1		1.9	1.9	1	

Sample ID	RO-2504	RO-2505	RO-0037	RO-2501	RO-2503	RO-2505		
Sample Date	06/25/03	06/25/03	08/04/03	08/04/03	08/04/03	08/04/03		
Sample Type	N	N	N	N	N	N		
Lab Sample ID	0306138	0306138	0308028	0308028	0308028	0308028		
Sample Matrix	SD	SD	SD	SD	SD	SD		
Method								
Analyte	Result	Flag	SQL	DL	Result	Flag	SQL	DL
<i>SW8260B (ug/L)</i>								
Acetone	569	140	5		1180	207	5	
Butanone, 2-	16	16	1		23	23	1	
Dichloroethene, cis-1,2-	1.1	1.1	1		7.1	1.6	1	
Dichloroethene, trans-1,2-	1.3	1.3	1		1.8	1.8	1	
Tetrachloroethene	1.3	1.3	1		6.2	1.9	1	
Toluene	6	6	1		8.5	8.5	1	
Trichloroethene	2.4	2.4	1		9.86	3.4	1	

Appendix E
Investigation-Derived Waste Profiling
Liquid Fraction from Drilling and Well Development
July 2002 through March 2003

Sample ID	RO-005	RO-2503	RO-RB2539	RB-005	RB-2503	RB-2539	RO-25453	RO-005	RO-2503																												
Sample Date	07/30/02	07/30/02	07/30/02	08/13/02	08/13/02	08/13/02	08/23/02	08/23/02	08/23/02																												
Sample Type	N	N	N	N	N	N	N	N	N																												
Lab Sample ID	0207195	0207195	0207195	0208074	0208074	0208074	0208130	0208130	0208130																												
Sample Matrix	WC	WC	WC	WC	WC	WC	WC	WC	WC																												
Method																																					
Analyte	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL													
<i>SW8260B (ug/L)</i>																																					
Acetone	936		120	10	1060		120	10	1510		120	10	1040		120	10	1200		240	20	685		120	10	788		120	10	12		12	1	85		12	1	
Butanone, 2-	24		24	2	60		60	5	60		60	5	12		12	1	60		60	5	12		12	1	12		12	1	12		12	1	12		12	1	
Dichloroethene, cis-1,2-	0.4		0.4	2	1		1	5	1		1	5	0.2		0.2	1	1		1	5	0.2		0.2	1	0.2		0.2	1	0.2		0.2	1	0.2		0.2	1	
Dichloroethene, trans-1,2-	0.4		0.4	2	1		1	5	1		1	5	0.2		0.2	1	1		1	5	0.2		0.2	1	0.2		0.2	1	0.2		0.2	1	0.2		0.2	1	
Tetrachloroethene	2		2	2	5		5	5	5		5	5	1		1	1	5		5	5	1		1	1	1		1	1	1		1	1	1		1	1	1
Toluene	2		2	2	5		5	5	5		5	5	1		1	1	5		5	5	1		1	1	1		1	1	1		1	1	1		1	1	1
Trichloroethene	2		2	2	5		5	5	5		5	5	1		1	1	5		5	5	1		1	1	1		1	1	1		1	1	1		1	1	1

Sample ID	RO-2505	RO-2504	RO-2502	RO-2501	RO-2503	RO-2504	RO-2505	RO-2502	RO-2501																											
Sample Date	09/16/02	09/18/02	09/18/02	09/18/02	09/26/02	09/26/02	09/26/02	09/26/02	09/26/02																											
Sample Type	N	N	N	N	N	N	N	N	N																											
Lab Sample ID	0209082	0209082	0209082	0209082	0209135	0209135	0209135	0209135	0209135																											
Sample Matrix	LD	LD	LD	LD	WC	WC	WC	WC	WC																											
Method																																				
Analyte	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL
<i>SW8260B (ug/L)</i>																																				
Acetone	12		12	1	103		12	1	12		12	1	195		24	2	1350		120	10	849		120	10	390		120	10	764		120	10				
Butanone, 2-	12		12	1	12		12	1	12		12	1	24		24	2	12		12	1	24		24	2	12		12	1	12		12	1				
Dichloroethene, cis-1,2-	0.2		0.2	1	0.2		0.2	1	0.2		0.2	1	0.4		0.4	2	0.2		0.2	1	0.4		0.4	2	0.2		0.2	1	0.2		0.2	1				
Dichloroethene, trans-1,2-	0.2		0.2	1	0.2		0.2	1	0.2		0.2	1	0.4		0.4	2	0.2		0.2	1	0.4		0.4	2	0.2		0.2	1	0.2		0.2	1				
Tetrachloroethene	1		1	1	1		1	1	1		1	1	2		2	2	1		1	1	2		2	2	1		1	1	1		1	1	1			
Toluene	1		1	1	1		1	1	1		1	1	2		2	2	1		1	1	2		2	2	1		1	1	1		1	1	1			
Trichloroethene	1		1	1	1		1	1	1		1	1	2		2	2	1		1	1	2		2	2	1		1	1	1		1	1	1			

Sample ID	RO-2501	RO-03+05	RO-04+06	RO-2501												
Sample Date	11/21/02	02/27/03	03/06/03	03/06/03												
Sample Type	N	N	N	N												
Lab Sample ID	0211104	0302137	0303020	0303020												
Sample Matrix	WC	WC	WC	WC												
Method																
Analyte	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL
<i>SW8260B (ug/L)</i>																
Acetone	1270		240	20	629		240	20	1650		120	10	736		120	10
Butanone, 2-	12		12	1	12		12	1	120		120	10	120		120	10
Dichloroethene, cis-1,2-	0.2		0.2	1	0.2		0.2	1	2		2	10	2		2	10
Dichloroethene, trans-1,2-	0.2		0.2	1	0.2		0.2	1	2		2	10	2		2	10
Tetrachloroethene	1		1	1	1		1	1	10		10	10	10		10	10
Toluene	1		1	1	1		1	1	10		10	10	10		10	10
Trichloroethene	1		1	1	1		1	1	10		10	10	10		10	10