FID DATA

FID READINGS															
WEEK	DATE	TIME	INFLUENT (A) *PPM*	INFLUENT (B) *PPM*	INFLUENT (C) *PPM*	INFLUENT (ABC) *PPM*	P1 INFLUENT *PPM*	P1 EFFLUENT *PPM*	P2 INFLUENT *PPM*	P2 EFFLUENT *PPM*	S1 INFLUENT *PPM*	S1 EFFLUENT *PPM*	S2 INFLUENT *PPM*	S2 EFFLUENT *PPM*	EFFLUENT (Total) *PPM*
23	10/29/03	1340	18	15	14	12									8

PRESSURE DATA

PRESSURE READINGS														
WEEK	DATE	TIME	INFLUENT (A) (Inches H_2O)	INFLUENT (B) (Inches H_2O)	INFLUENT (C) (Inches H_2O)	INFLUENT (ABC) (Inches H_2O)	P1 INFLUENT (Inches H_2O)	P1 EFFLUENT (Inches H_2O)	P2 INFLUENT (Inches H_2O)	P2 EFFLUENT (Inches H_2O)	S1 INFLUENT (Inches H_2O)	S1 EFFLUENT (Inches H_2O)	S2 INFLUENT (Inches H_2O)	S2 EFFLUENT (Inches H_2O)
23	10/29/03	0600	27	26	27	45	60	60	58	56	58	60	70	65
23	10/29/03	1335	27	26	27	45	59	59	58	56	58	60	70	65

MONITORING WELL DATA
VAPOR EXTRACTION WELL VE-04

WEEK	DATE	TIME	WELL SCREEN	VACUUM				FLOWRATE						
				VE-04-A	VE-04-B	VE-04-C	Total Influent	ANEMOMETER FLOWRATE					FLOWMETER	LCD Reading
								A	B	C	Influent	Effluent	Influent	Influent
				in. H_2O	*in. H_2O*	*in. H_2O*	*in. H_2O*	*ft/m*	*ft/m*	*ft/m*	*ft/m*	*ft/m*	*SCFM*	*CFM*
23	10/30/03	0630	ABC	27	26	27	45	7250	3630	2615	—	3430	300	293
23	10/30/03	1040	ABC	27	26	27	45	8230	4470	3330	—	3720	300	293

FID DATA

FID READINGS															
WEEK	DATE	TIME	INFLUENT (A) *PPM*	INFLUENT (B) *PPM*	INFLUENT (C) *PPM*	INFLUENT (ABC) *PPM*	P1 INFLUENT *PPM*	P1 EFFLUENT *PPM*	P2 INFLUENT *PPM*	P2 EFFLUENT *PPM*	S1 INFLUENT *PPM*	S1 EFFLUENT *PPM*	S2 INFLUENT *PPM*	S2 EFFLUENT *PPM*	EFFLUENT (Total) *PPM*
23	10/30/03	1050	21	18	15	16									10

PRESSURE DATA

PRESSURE READINGS														
WEEK	DATE	TIME	INFLUENT (A) (Inches H_2O)	INFLUENT (B) (Inches H_2O)	INFLUENT (C) (Inches H_2O)	INFLUENT (ABC) (Inches H_2O)	P1 INFLUENT (Inches H_2O)	P1 EFFLUENT (Inches H_2O)	P2 INFLUENT (Inches H_2O)	P2 EFFLUENT (Inches H_2O)	S1 INFLUENT (Inches H_2O)	S1 EFFLUENT (Inches H_2O)	S2 INFLUENT (Inches H_2O)	S2 EFFLUENT (Inches H_2O)
23	10/30/03	0635	27	26	27	45	60	60	58	56	59	61	70	65
23	10/30/03	1045	27	26	27	45	60	60	58	56	59	61	70	65

MONITORING WELL DATA
TEST EVENT #1
Soil Vapor Extraction Wells SVW-1 thru SVW-12

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-1 in. H_2O	SVW-2 in. H_2O	SVW-3 in. H_2O	SVW-4 in. H_2O	SVW-5 in. H_2O	SVW-6 in. H_2O	SVW-7 in. H_2O	SVW-8 in. H_2O	SVW-9 in. H_2O	SVW-10 in. H_2O	SVW-11 in. H_2O	SVW-12 in. H_2O
19	10/2/03	0855	20'								P				
〃	〃	•	30'								P				
〃	〃	〃	50'								0"				
〃	〃	〃	70'								0"				
〃	〃	〃	90'								0.2"				
19	10/2/03	0845	20'										P		
〃	〃	〃	35'										20.0"		
〃	〃	•	50'										P		
〃	〃	〃	69'										0"		

MONITORING WELL DATA
TEST EVENT #1
Soil Vapor Extraction Wells SVE-14 thru SVE-17

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-14	SVW-15	SVW-16	SVW-17								
				in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O
19	19/2/03	0755	20'		P										
			40'		0"										
			60'		0.4"										
			75'		0.4"										
			95'		0"										

MONITORING WELL DATA
VAPOR EXTRACTION WELL VE-04

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-25	SVW-26	SVW-27	SVW-28	SVW-32	SVW-33	SVW-34	SVW-35	SVW-36	SVW-37	SVW-38	SVW-39
				in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O
19	10/2/03	0855	20'	0"											
			40'	0"											
			• 60'	P											
			• 85'	P											
			• 100'	P											
			• 120'	P											
			• 145'	P											
			• 165'	P											
			180'	1.1"											
			190'	1.3"											
19	10/2/03	0825	20'			0"									
			35'			0"									
			60'			0"									
			85'			0"									
			100'			0"									
			120'			0"									
			140'			1.2"									
			• 160'			P									
			180'			0.8"									
			• 205'			P									

MONITORING WELL DATA
VAPOR EXTRACTION WELL VE-04

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-25	SVW-26	SVW-27	SVW-28	SVW-32	SVW-33	SVW-34	SVW-35	SVW-36	SVW-37	SVW-38	SVW-39
				in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O
19	10/2/03	0835	25'					P							
			40'					0"							
		•	55'					P							
			70'					0"							
			90'					0.4"							
		•	115'					P							
		•	135'					P							
		•	155'					P							
			180'					0.2"							
			195'					3.0"							
19	10/2/03	0815	20'						0"						
			40'						0.2"						
			60'						0"						
			85'						0"						
			105'						0"						
			120'						0"						
			140'						0"						
		•	160'						P						
		•	180'						P						
			200'						0.5"						

MONITORING WELL DATA
VAPOR EXTRACTION WELL VE-04

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-25	SVW-26	SVW-27	SVW-28	SVW-32	SVW-33	SVW-34	SVW-35	SVW-36	SVW-37	SVW-38	SVW-39
				in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O
19	10/2/03	0805	20'								P				
		"	35'								P				
		"	50'								P				
		"	60'								P				
			80'								0"				
		"	95'								P				
		"	110'								P				
		"	125'								P				
			140'								0.6"				
		"	155'								P				
19	10/2/03	0745	20'												0"
		"	35'												P
		"	50'												P
		"	70'												P
			85'												0"
			100'												1.5"
		"	110'												P
		"	120'												P
			130'												0"

MONITORING WELL DATA
TEST EVENT #1
Soil Vapor Extraction Wells SVW-1 thru SVW-12

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-1 in. H_2O	SVW-2 in. H_2O	SVW-3 in. H_2O	SVW-4 in. H_2O	SVW-5 in. H_2O	SVW-6 in. H_2O	SVW-7 in. H_2O	SVW-8 in. H_2O	SVW-9 in. H_2O	SVW-10 in. H_2O	SVW-11 in. H_2O	SVW-12 in. H_2O
20	10/9/03	0659	20'						P						
			40'						0'						
			60'						P						
			77'						0'						
			96'						P						
20	10/9/03	0922	20'							*0"					
			35'							0"					
20	10/9/03		20'								P				
			30'								P				
		0723	50'								0"				
			70'								0.1"				
			90'								0"				
20	10/9/03	0714	20'									*0"			
			35'									0"			
			50'									0"			
			70'									0"			
			87'									0"			
20	10/9/03	0716	20'										P		
			35'										18.0"		
			50'										P		
			69'										0"		

MONITORING WELL DATA
TEST EVENT #1
Soil Vapor Extraction Wells SVW-1 thru SVW-12

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES *(Magnahelic Gauges)*											
				SVW-1	SVW-2	SVW-3	SVW-4	SVW-5	SVW-6	SVW-7	SVW-8	SVW-9	SVW-10	SVW-11	SVW-12
				in. H_2O	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*
20	10/9/03	0640	20'											0"	
			40'											P	
			60'											P	
			80'											P	
			96'											P	
20	10/9/03	0926	20'												0"
			40'												P
			60'												0"
			76'												P

MONITORING WELL DATA
TEST EVENT #1
Soil Vapor Extraction Wells SVE-14 thru SVE-17

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-14	SVW-15	SVW-16	SVW-17		SVW 13						
				in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O
20	10/9/03	•	10'						P						
		0718	20'						0"						
		•	30'						P						
		•	40'						P						
20	10/9/03														
		0852	5'	0"											
			10'	0"											
		•	13'	P											
20	10/9/03	0656	20'		P										
			40'		0"										
			60'		0"										
			75'		0"										
			95'		0.1"										
20	10/9/03	•	12'				P								
		•	24'				P								
		0847	36'				0"								

MONITORING WELL DATA
TEST EVENT #1
Soil Vapor Extraction Wells SVE-14 thru SVE-17

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES *(Magnahelic Gauges)*											
				SVW-14	SVW-15	SVW-16	SVW-17		Svw 30			Svw 31			
				in. H_2O	*in.* H_2O	*in.* H_2O	*in.* H_2O	*in.* H_2O	*in.* H_2O	*in.* H_2O	*in.* H_2O	*in.* H_2O	*in.* H_2O	*in.* H_2O	*in.* H_2O
20	10/9/03	0931	17'						*0"						
			30'						0"						
			40'						0"						
			50'						0"						
			65'						0"						
20	10/9/03	0935	20'									*0"			
			35'									0"			
			45'									0"			
			55'									0"			
			65'									0"			

MONITORING WELL DATA
VAPOR EXTRACTION WELL VE-04

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-25	SVW-26	SVW-27	SVW-28	SVW-32	SVW-33	SVW-34	SVW-35	SVW-36	SVW-37	SVW-38	SVW-3
				in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O
20	10/9/03	0904	20'	0"											
			40'	0"											
		•	60'	P											
		•	85'	P											
		•	100'	P											
		•	120'	P											
		•	145'	P											
		•	165'	P											
			180'	2.5"											
			190'	2.1"											
20	10/9/03	•	20'		P										
		•	35'		P										
		•	55'		P										
		•	80'		P										
		•	100'		P										
		0859	115'		0"										
			140'		0"										
			160'		0.1"										
		•	180'		P										
		•	195'		P										

MONITORING WELL DATA
VAPOR EXTRACTION WELL VE-04

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-25	SVW-26	SVW-27	SVW-28	SVW-32	SVW-33	SVW-34	SVW-35	SVW-36	SVW-37	SVW-38	SVW-3
				in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O
20	10/9/03		20'				WELL IS BLOCKED								
			35'												
			60'												
			85'												
			100'												
			120'												
			140'												
		•	160'			P									
			180'												
		•	205'			P									
20	10/9/03	0828	20'				0"								
		•	45'				P								
		•	65'				P								
			80'				0.4"								
			105'				0"								
		•	120'				P								
		•	140'				P								
		•	160'				P								

MONITORING WELL DATA
VAPOR EXTRACTION WELL VE-04

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-25	SVW-26	SVW-27	SVW-28	SVW-32	SVW-33	SVW-34	SVW-35	SVW-36	SVW-37	SVW-38	SVW-39
				in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O
20	10/9/03	•	25'					P							
		0843	40'					0"							
		•	55'					P							
			70'					0.1"							
			90'					0"							
		•	115'					P							
		•	135'					P							
		•	155'					P							
			180'					0"							
			195'					0.9"							
20	10/9/03	0835	20'						X 0"						
			40'						0"						
			60'						0"						
			85'						0"						
			105'						0"						
			120'						0"						
			140'						0.1"						
		•	160'						P						
		•	180'						P						
			200'						0.1"						

MONITORING WELL DATA
VAPOR EXTRACTION WELL VE-04

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-25	SVW-26	SVW-27	SVW-28	SVW-32	SVW-33	SVW-34	SVW-35	SVW-36	SVW-37	SVW-38	SVW-39
				in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O
20	10/9/03	•	20'							P					
		•	35'							P					
		•	50'							P					
		•	65'							P					
		0749	80'							0"					
			95'							0"					
		•	108'							P					
		•	118'							P					
20	10/9/03	•	20'								P				
		•	35'								P				
		•	50'								P				
		•	60'								P				
		0746	80'								0"				
		•	95'								P				
		•	110'								P				
		•	125'								P				
			140'								0"				
		•	155'								P				

MONITORING WELL DATA
VAPOR EXTRACTION WELL VE-04

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-25	SVW-26	SVW-27	SVW-28	SVW-32	SVW-33	SVW-34	SVW-35	SVW-36	SVW-37	SVW-38	SVW-39
				in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O
20	10/9/03	0727	20'									X 0"			
			35'									0"			
			55'									0"			
			75'									0"			
			92'									0"			
20	10/9/03	~~0735~~	25'										P		
		0735	40'										0"		
		•	60'										P		
		•	80'										P		
			100'										0"		
		•	120'										P		
		•	140'										P		
			155'										0.1"		
			170'										0"		
			185'										0"		

MONITORING WELL DATA
VAPOR EXTRACTION WELL VE-04

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-25	SVW-26	SVW-27	SVW-28	SVW-32	SVW-33	SVW-34	SVW-35	SVW-36	SVW-37	SVW-38	SVW-39
				in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O
20	10/9/02	•	25'											P	
		•	45'											P	
		•	65'											P	
		0941	80'											0.1"	
		•	95'											P	
			110'											0"	
		•	125'											P	
		•	140'											P	
		•	155'											P	
			170'											0.4"	
20	10/9/03	0648	20'												0"
		•	35'												P
		•	50'												P
		•	70'												P
		0649	85'												0.1"
		0649	100'												1.3'
		•	110'												P
		•	120'												P
		0650	130'												0"

MONITORING WELL DATA
TEST EVENT #1
Soil Vapor Extraction Wells SVW-1 thru SVW-12

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES *(Magnahelic Gauges)*											
				SVW-1	SVW-2	SVW-3	SVW-4	SVW-5	SVW-6	SVW-7	SVW-8	SVW-9	SVW-10	SVW-11	SVW-12
				in. H_2O	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*
21	19/16/03	0600	20'								P				
		•	30'								P				
			50'								0"				
			70'								0.2"				
			90'								0"				
21	19/16/03	0610	20'										P		
			35'										19.0"		
		•	50'										P		
		•	69'										0"		

MONITORING WELL DATA

TEST EVENT #1

Soil Vapor Extraction Wells SVE-14 thru SVE-17

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES *(Magnahelic Gauges)*											
				SVW-14	SVW-15	SVW-16	SVW-17								
				in. H_2O	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*	*in. H_2O*
21	10/16/03	0620	20'		P										
			40'		0"										
			60'		0"										
			75'		0"										
			95'		0.4"										

MONITORING WELL DATA
VAPOR EXTRACTION WELL VE-04

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-25	SVW-26	SVW-27	SVW-28	SVW-32	SVW-33	SVW-34	SVW-35	SVW-36	SVW-37	SVW-38	SVW-3
				in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O
21	10/16/03	0730	20'	0"											
			40'	0"											
		•	60'	P											
		•	85'	P											
		•	100'	P											
		•	120'	P											
		•	145'	P											
		•	165'	P											
			180'	2.0"											
			190'	2.3"											
21	10/16/03	0700	20'			0"									
			35'			0"									
			60'			0"									
			85'			0"									
			100'			0"									
			120'			0"									
			140'			1.1"									
		•	160'			P									
			180'			0.4"									
		•	205'			P									

MONITORING WELL DATA
VAPOR EXTRACTION WELL VE-04

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-25	SVW-26	SVW-27	SVW-28	SVW-32	SVW-33	SVW-34	SVW-35	SVW-36	SVW-37	SVW-38	SVW-3
				in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O
21	10/16/03	0720	20'				0"								
		"	45'				P								
		"	65'				P								
			80'				0.5"								
			105'				0"								
		"	120'				P								
		"	140'				P								
		"	160'				P								
21	10/16/03	0710	25'					P							
		"	40'					0"							
		"	55'					P							
		"	70'					0.1"							
		"	90'					0"							
		"	115'					P							
		"	135'					P							
		"	155'					P							
		"	180'					0"							
		"	195'					0.8"							

MONITORING WELL DATA
VAPOR EXTRACTION WELL VE-04

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-25	SVW-26	SVW-27	SVW-28	SVW-32	SVW-33	SVW-34	SVW-35	SVW-36	SVW-37	SVW-38	SVW-39
				in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O
21	10/16/03	0650	20'						0"						
			40'						0"						
			60'						0"						
			85'						0"						
			105'						0"						
			120'						0"						
			140'						0.2"						
		•	160'						P						
		•	180'						P						
			200'						0.8"						
21	10/16/03	0640	25'											P	
		•	45'											P	
		•	65'											P	
			80'											0.1"	
		•	95'											P	
			110'											0"	
		•	125'											P	
		•	140'											P	
		•	155'											P	
			170'											0.5"	

MONITORING WELL DATA
VAPOR EXTRACTION WELL VE-04

WEEK	DATE	TIME	DEPTH	VACUUM RESPONSES (Magnahelic Gauges)											
				SVW-25	SVW-26	SVW-27	SVW-28	SVW-32	SVW-33	SVW-34	SVW-35	SVW-36	SVW-37	SVW-38	SVW-39
				in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O	in. H_2O
21	10/16/03	0630	20'												0"
		•	35'												P
		•	50'												P
		•	70'												P
			85'												0.1"
			100'												1.2"
		•	110'												P
		•	120'												P
			130'												0"

MONITORING WELL DATA
VAPOR EXTRACTION WELL VE-04

WEEK	DATE	TIME	WELL SCREEN	VACUUM				FLOWRATE						
								ANEMOMETER FLOWRATE					FLOWMETER	LCD Reading
				VE-04-A	VE-04-B	VE-04-C	Total Influent	A	B	C	Influent	Effluent	Influent	Influent
				in. H_2O	*in. H_2O*	*in. H_2O*	*in. H_2O*	*ft/m*	*ft/m*	*ft/m*	*ft/m*	*ft/m*	*SCFM*	*CFM*
24	11/3/03	0625	ABC	28	27	28	45	7030	3115	1960	—	3230	300	295
24	11/3/03	0930	ABC	28	27	28	45	8270	3250	2110	—	3270	300	298