APPENDIX T REMEDIAL AND DEVELOPMENTAL COSTS

APPENDIX T REMEDIAL AND DEVELOPMENTAL COSTS FINAL ENGINEERING REPORT ATLAS PARK SITE - PARCEL B GLENDALE, NY

Item #	Description of Work	Unit	Estimated Quantity	Estimated Unit Price	Estimated Cost
REMEDIAL	ACTION COSTS				
1	Contractor Fees (Earth Technology Inc.)				
	Mobilization/Demobilization/Permits/Site Maintenance	LS	2	\$100,000	\$200,00
	Facilities and Utilities	LS	1	\$100,000	\$100,00
	Excavation Soil Disposal Resulting from Construction	LS	1	\$965,869	\$965,86
	Erosion and Sed Control Structures	LS	1	\$4,000	\$4,00
	Soil Stockpile Staging Area Construction	LS	1	\$10,000	\$10,00
	Water Truck T&M (Dust Suppression)	LS		\$34,215	\$34,21
9	Miscellaneous	LS	1	\$331,785	\$331,78
2	Sub Slab Depressurization Systems (Buildings 3, 4, 6, 7, and 8)			Sub-Total	\$1,645,86
а	Sub Slab Depressurization Systems (Buildings 3, 4, 6, 7, and 8)	EA	5	\$100,000	\$500,00
b	Operation and Maintenance (20 Years)	YR	20	\$7,500 Sub-Total	\$150,00 \$650,00
3	Soil Vapor Extraction System (Building 3 - AS/SVE #1)			Sub-Total	φ030,00
	SVE System Design	LS	1	\$50,000	\$50,00
	SVE System Installation	LS	1	\$110,000	\$110,00
	SVE Components and Construction	LS	1	\$125,000	\$125,00
d	Operation and Maintenance (20 Years)	YR	20	\$15,000	\$300,00
4	Call Vanor Extraction Creaton (Courthorn AC/CVE #0)			Sub-Total	\$585,00
4 a	Soil Vapor Extraction System (Southern - AS/SVE #2) SVE System Design	LS	1	\$50,000	\$50,00
	SVE System Insatallation	LS	1	\$200,000	\$200,00
	SVE Components and Construction	LS	1	\$125,000	\$125,00
	Operation and Maintenance (20 Years)	YR	20	\$15,000	\$300,00
				Sub-Total	\$675,00
5	Laboratory/Data Validation Costs Spectrum Analytical	LS	1	\$51,000	\$51,00
	Data Validation	LS	1	\$19,563	\$19,56
				Sub-Total	\$70,56
6	Legal Fees	1.0		# 400,000	# 400.00
а	Environmental Councel Fees	LS	1	\$120,000 Sub-Total	\$120,00 \$120,00
7	Environmental Consultant Fees (Langan)				•
	Langan Office and Field Oversight	LS	1	\$1,101,396	\$1,101,39
	08/29/05 to 10/02/05	LS	1	\$8,917	\$8,91
	10/03/05 to 10/30/05	LS	1	\$43,558	\$43,55
	10/31/05 to 12/04/05	LS	1	\$47,600	\$47,60
	12/05/05 to 01/01/06	LS	1	\$39,338	\$39,33
	01/02/06 to 01/29/06	LS	1	\$119,530	\$119,53
	01/30/06 to 02/26/06 02/27/06 to 04/02/06	LS LS		\$108,999 \$112,109	\$108,99 \$112,10
J	04/03/06 to 04/02/06	LS		\$172,109 \$47,944	\$47,94
	05/01/06 to 05/28/06	LS		\$95,242	\$95,2 ²
	05/29/06 to 07/02/06	LS		\$94,072	\$94,07
•	07/03/06 to 07/30/06	LS	1 1	\$96,124	\$96,12
	07/31/06 to 08/27/06	LS	1	\$86,518	\$86,51
	08/28/06 to 10/01/06	LS	1	\$111,060	\$111,06
				Sub-Total	\$1,011,01
8	Reimbursables (Langan) - Equipment, Meetings, etc.				
	10/03/05 to 10/30/05	LS	1 1	\$2,905	\$2,90
	10/31/05 to 12/04/05	LS		\$2,816	\$2,81
	12/05/05 to 01/01/06	LS	1 1 I	\$3,208 \$3,400	\$3,20
	01/02/06 to 01/29/06 01/30/06 to 02/26/06	LS LS		\$2,400 \$11,937	\$2,40 \$11,93
	02/27/06 to 04/02/06	LS		\$11,937 \$21,518	\$11,93 \$21,51
	04/03/06 to 04/02/06	LS		\$21,516 \$34,043	\$21,5 \$34,04
•	05/01/06 to 05/28/06	LS		\$2,397	\$2,39
	05/29/06 to 07/02/06	LS		\$1,333	\$1,33
	07/03/06 to 07/02/06	LS		\$6,702	\$6,70
	07/31/06 to 08/27/06	LS		\$7,454	\$7,4
	08/28/06 to 10/01/06	LS	1	\$10,755	\$10,7
				Sub-Total	\$107,4
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				FOR PARCEL B	\$4,864,91

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Item #	Description of Work	Unit	Cost
DEVELOPMENT A	SSOCIATED COSTS	•	
1	Building 3		
	Foundations		\$690,000
	Utilities		\$3,912,600
	Interior Construction		\$8,971,626
	Exterior Construction		\$4,789,464
		Sub-Total	\$18,363,690
2	Building 8 and Service Corridor		
	Earthwork		\$500,000
	Foundations		\$411,964
	Utilities		\$7,975,194
	Interior Construction		\$4,394,521
	Site Grading		\$250,000
	Exterior Construction		\$2,363,529
		Sub-Total	\$15,895,208
3	Building 7		
	Earthwork		\$250,000
	Foundations		\$594,626
	Utilities		\$1,570,653
	Interior Construction		\$3,323,903
	Exterior Construction	\$	3,108,877
		Sub-Total	\$8,848,059
	TOTAL DEVELOPMENTAL COST F	OR PARCEL B	\$43,106,957