

**Bratcher, Mike, EMNRD**

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**From:** Mike Griffin [MikeG@vadose.us]  
**Sent:** Monday, December 08, 2008 7:25 AM  
**To:** Bratcher, Mike, EMNRD  
**Subject:** Unit Worksheet  
**Attachments:** Unit Corp. Gourley Fed. 003Q Cost Worksheet.xls

Good Morning, Mike:

Attached, please find a draft copy of the Unit Corp. Fed. 003Q cost worksheet. The cost numbers in red are actual – the ones in blue are estimated. If you monkey with the depth number at the bottom of the spreadsheet you'll discover that the cost of excavation, disposal and transportation is AT LEAST \$20,000.00 per foot. E-Tech's boring numbers indicate that the schmutz may go 40'.

We'll get MMX out this week to install a monitor/recovery well but we're almost certain to have groundwater impact. I'd like to know what alternatives there may be to haul-off before I "officially" notify you of groundwater contamination. Any ideas?

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**Unit Corporation**  
**Gourley Fed. 003Q Reserve Pit Project**  
**Remediation Worksheet**

Fixed Costs					
Description	Quantity	U/M	Est. Cost	Vendor	Total
4" Recovery/Monitor Well	1	Lot	\$ 4,500.00	MMX	\$ 4,500.00
2" Monitor Well	2	Lot	\$ 2,000.00	MMX	\$ 4,000.00
Perimeter Fencing	1	Lot	\$ 2,000.00	MMX	\$ 2,000.00
Survey	1	Lot	\$ 1,500.00	Basin Surveys	\$ 1,500.00
Liner (30 mil)	20,000	Sq. Ft.	\$ 0.30	Falcon Liners	\$ 6,000.00
Disposal Fees	29,037.04	Cu. Yd.	\$ 16.00	Lea Land	\$ 464,592.59
Replacement Soils	29,037.04	Cu. Yd.	\$ 7.00	Lea Land	\$ 203,259.26
Excavation & Transportation	29,037.04	Cu. Yd.	\$ 4.00	MMX	\$ 116,148.15
					\$ 802,000.00

Length	140
Width	140
Depth	40

29,037.04 \$ 784,000.00 Disposal & Replacement Only