

C/025/005 Incoming



Alton Coal Development, LLC

463 North 100 West, Suite 1

Cedar City, Utah 84720

Phone (435) 867-5331 • Fax (435) 867-1192

October 15, 2013

Daron R. Haddock
Coal Program Manager
Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

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OCT 18 2013
DIV. OF OIL, GAS & MINING

Subject: **Revised DD1 and Sediment Impoundment 4, Task ID #4396, Coal Hollow Project, Kane County, Utah, C/025/0005**

Dear Mr. Haddock,

Alton Coal Development, LLC is providing this submittal to provide As-Built Drawings for Diversion Ditch 1(DD1) and Pond 4. Deficiencies identified with Task ID #4396 for Hydro Sediment and Hydro Siltation Treatment has been addressed in the As-built drawings. The deficiency addressing Topsoil was identified by Priscilla Burton as intended for the Sufco Mine.

Please find enclosed 2 (two) clean copies of the revised drawings for review and insertion into the MRP. Please do not hesitate to contact me if you have any questions.

Sincerely

B. Kirk Nicholes
Environmental Specialist

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: Alton Coal Development, LLC

Mine: Coal Hollow

Permit Number: C/025/0005

Title: Final Drawings, Diversion Ditch 1 and Sediment Impoundment 4

Description, Include reason for application and timing required to implement:

Task ID #4396

Instructions: If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- | | |
|---|---|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ <input type="checkbox"/> increase <input type="checkbox"/> decrease. |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Is the application submitted as a result of a Division Order? DO# _____ |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 4. Does the application include operations in hydrologic basins other than as currently approved? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 6. Does the application require or include public notice publication? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 7. Does the application require or include ownership, control, right-of-entry, or compliance information? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 9. Is the application submitted as a result of a Violation? NOV # _____ |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 10. Is the application submitted as a result of other laws or regulations or policies? |
| <i>Explain:</i> _____ | |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 11. Does the application affect the surface landowner or change the post mining land use? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 13. Does the application require or include collection and reporting of any baseline information? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 15. Does the application require or include soil removal, storage or placement? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 16. Does the application require or include vegetation monitoring, removal or revegetation activities? |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 17. Does the application require or include construction, modification, or removal of surface facilities? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 18. Does the application require or include water monitoring, sediment or drainage control measures? |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 19. Does the application require or include certified designs, maps or calculation? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 20. Does the application require or include subsidence control or monitoring? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 21. Have reclamation costs for bonding been provided? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 23. Does the application affect permits issued by other agencies or permits issued to other entities? |

Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you. (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

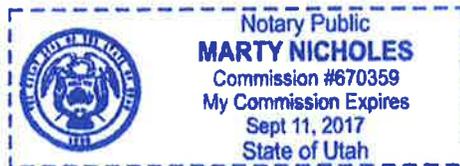
B. Kirk Nicholes
Print Name

B. Kirk Nicholes, Env. Specialist, 10/15/2013
Sign Name, Position, Date

Subscribed and sworn to before me this 15 day of October, 2013

Marty Nicholes
Notary Public

My commission Expires: Sept 11, 2017 }
Attest: State of Utah } ss:
County of Iron



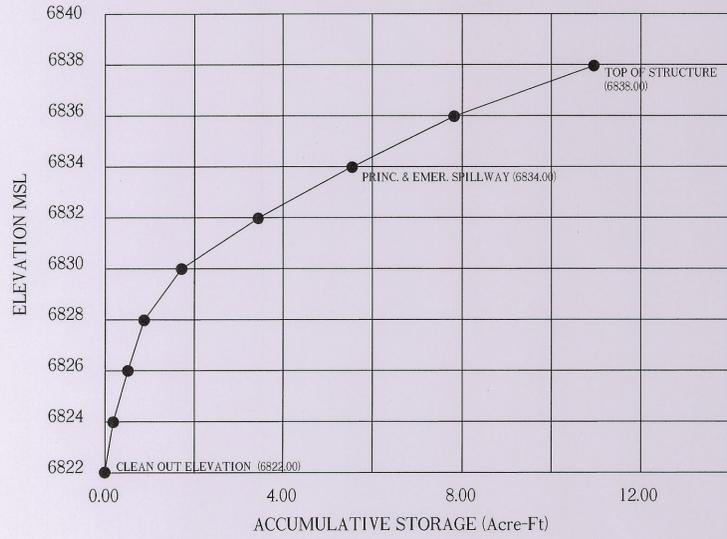
For Office Use Only:

Assigned Tracking
Number:

Received by Oil, Gas & Mining

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STAGE STORAGE CURVE
Sediment Control Structure No. 4

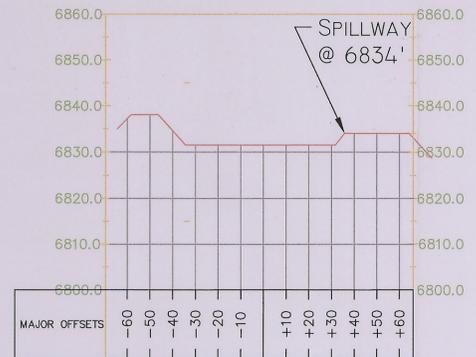


STORAGE VOLUME COMPUTATIONS
Sediment Control Structure No. 4

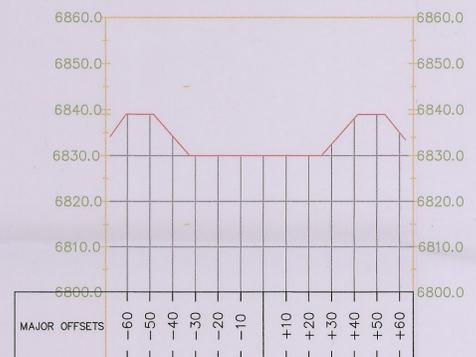
ELEV. (ft)	WIDTH (ft)	LENGTH (ft)	AREA (ac)	AVG. AREA (ac)	INTERVAL (ft)	STORAGE (ac-ft)	ACC. STORAGE (ac-ft)	STAGE INTERVAL (ft)
6822.00	NA	NA	0.0000	0.0710	1.00	0.0710	0.0710	1.00
6823.00	NA	NA	0.0600	0.0928	1.00	0.0928	0.1638	2.00
6824.00	NA	NA	0.0820	0.1138	1.00	0.1138	0.2776	3.00
6825.00	NA	NA	0.1037	0.1372	1.00	0.1372	0.4148	4.00
6826.00	NA	NA	0.1238	0.1649	1.00	0.1649	0.5797	5.00
6827.00	NA	NA	0.1507	0.1948	1.00	0.1948	0.7745	6.00
6828.00	NA	NA	0.1792	0.2407	1.00	0.2407	1.0152	7.00
6829.00	NA	NA	0.2104	0.5340	1.00	0.5340	1.5492	8.00
6830.00	NA	NA	0.2710	0.8653	1.00	0.8653	2.4145	9.00
6831.00	NA	NA	0.7971	0.9648	1.00	0.9648	3.3794	10.00
6832.00	NA	NA	0.9335	1.0301	1.00	1.0301	4.4095	11.00
6833.00	NA	NA	0.9961	1.0941	1.00	1.0941	5.5036	12.00
6834.00	NA	NA	1.0641	1.1555	1.00	1.1555	6.6591	13.00
6835.00	NA	NA	1.1242	1.2189	1.00	1.2189	7.8780	14.00
6836.00	NA	NA	1.1868	1.2836	1.00	1.2836	9.1617	15.00
6837.00	NA	NA	1.2511	1.6581	1.00	1.6581	9.8198	16.00
6838.00	NA	NA	1.3162					



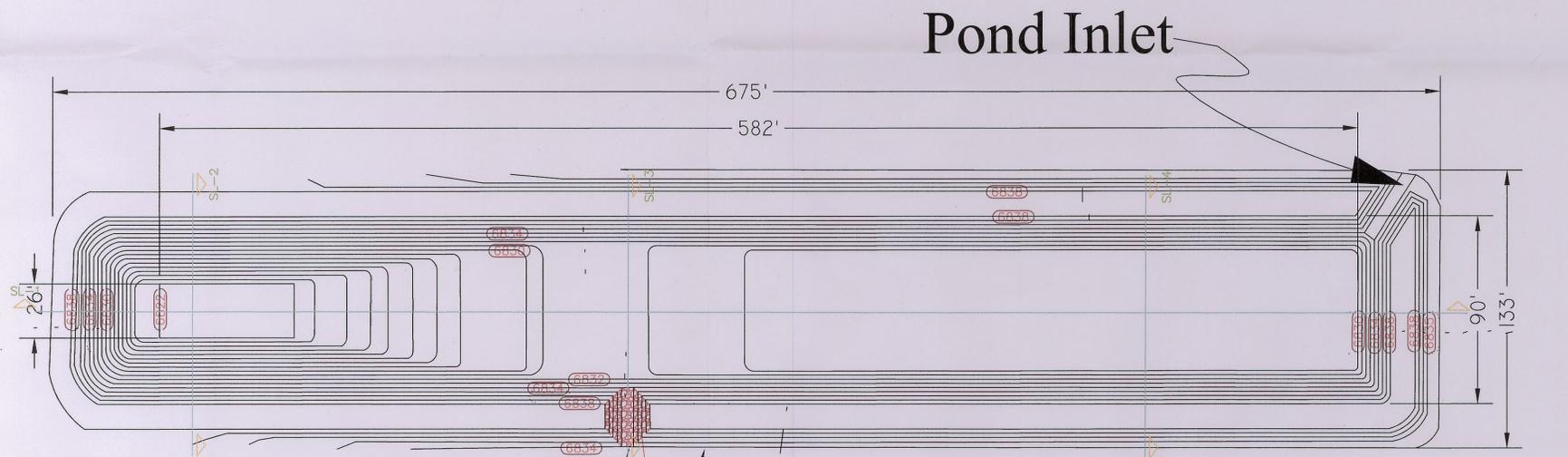
SL-2



SL-3



SL-4



Pond Inlet

Pond #4

Required Storage for 100 year, 24 event = 3.8 acre/ft

Spillway at 6834'

RIPRAP 6"Ø (+)

1"=10'
X-Section Scale
1"=20'



SL-1

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SEDIMENT
IMPOUNDMENT 4
DETAILS

COAL HOLLOW
PROJECT
ALTON, UTAH

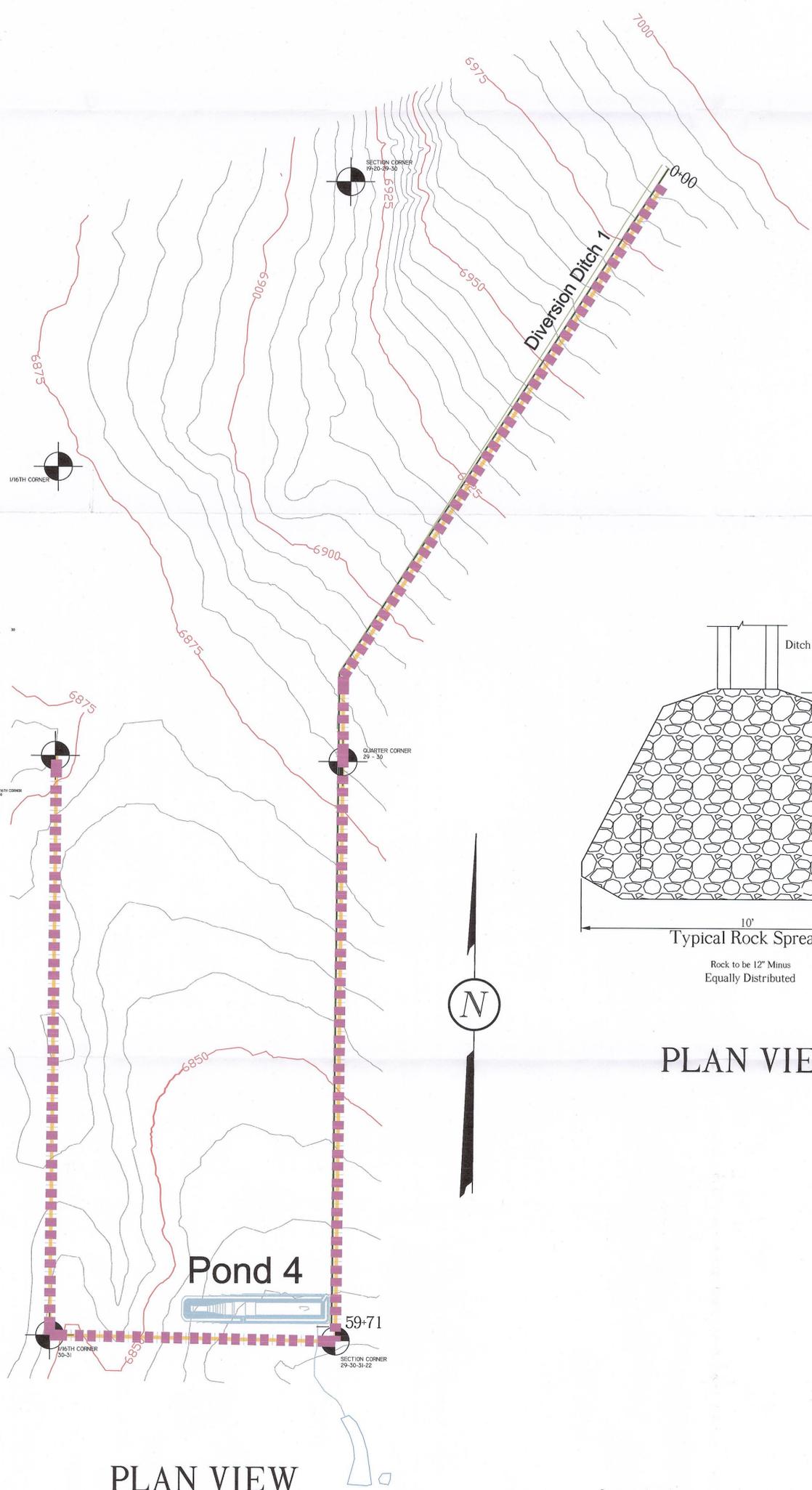
DRAWING: 5-31

REVISIONS

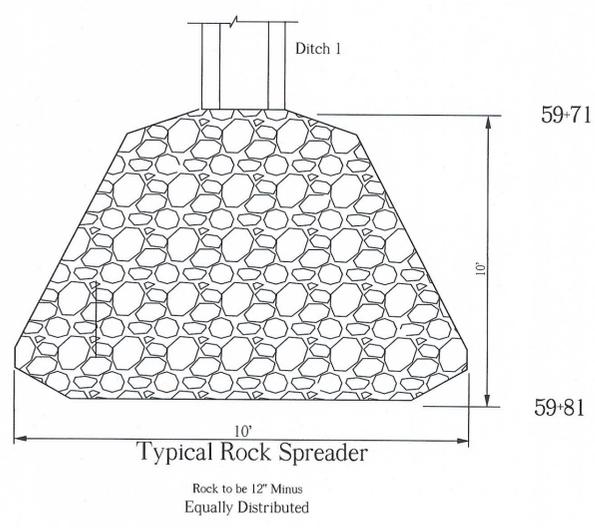
DATE:	BY:
Feb 3, 2013	LWJ
05/28/2013	KN
10/08/2013	KN

CHECKED BY:

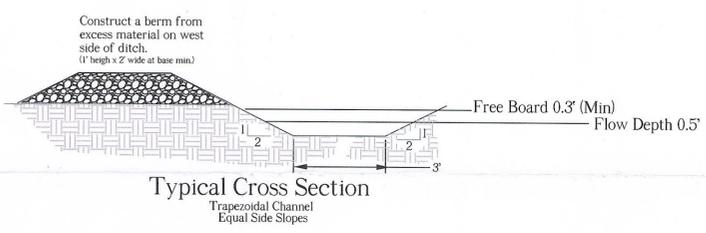
LWJ	DATE:	12/18/06	SCALE:	1" = 40'	SHEET
C. MCCOURT	DRAWING:	P4-001	JOB NUMBER:		



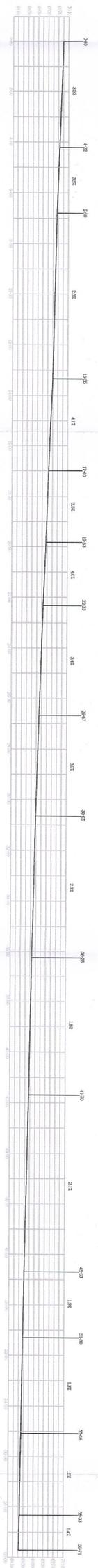
PLAN VIEW



PLAN VIEW



Typical Cross Section



DITCH 1 PROFILE

LEGEND:

- PERMIT BOUNDARY
- PRIVATE COAL OWNERSHIP
- SECTION LINE
- FOUND SECTION CORNER
- FOUND PROPERTY CORNER
- DIVERSION DITCHES
- PROPOSED SEDIMENT IMPOUNDS

DRAWN BY:	L JOHNSON	CHECKED BY:	KN
DRAWING:	5-33	DATE:	2/5/2013
JOB NUMBER:		SCALE:	1" = 300'
		SHEET	

REVISIONS	
DATE:	BY:
2/5/2013	LWJ
4/22/2013	KN
10/08/2013	KN

REVISIONS	
DATE:	BY:
2/5/2013	LWJ
4/22/2013	KN
10/08/2013	KN

DIVERSION DITCH 1 DETAILS

COAL HOLLOW PROJECT
ALTON, UTAH

DRAWING: 5-33



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Coal Hollow Project

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