R5E R6E

T 22 S
T 23 S

SEVIER COUNTY
EMERY COUNTY

N.6,780,000
N.6,770,000
N.6,760,000
N.6,750,000
N.6,740,000
N.6,730,000
N.6,720,000
E.1,690,000
E.1,700,000
E.1,710,000
E.1,720,000

FC47WW (EMERY TOWN WELLS)
FC6WW (KEMMERER WELL)
USGS 1-4
WELL H-U
H-B
H-M
H-L
FEDERAL LEASE IBC
FED LEASE U-5267
QUITCH #1
UPDES 004
SP-14
SP-13
SP-10
SP-11
BLUEGATE #3
WELL R-1 AND R-2
SWMS-1A
UPDES 003
FED LEASE U-50044
USGS 1-3
WELL I2
WELL I
WELL SM1-1
EMRIA #3
FED LEASE UTU-82038
FC346WW
EMRIA #1
EMRIA #2
SRUB-1068
SP-15
SRUB-1061
SRUB-1049
SRUB-1046
SRUB-1037
WELL SM1-3
MUDDY #4
USGS 1-1
USGS 1-2
USGS 3-1
USGS 4-1
SWMS-2
FC343WW
FCJKWW
FC363WW
UPDES 009
4th EAST PORTAL
WELL SM1-2
MUDDY #3
MUDDY #2
LEWIS WELL
EXCLUSION AREA (NO MINING) RELINQUISHED STATE LEASE
WELL RDA1
WELL RDA2
WELL RDA3
WELL RDA4
WELL RDA5
WELL RDA6
UPDES 007
UPDES 001
SWMS-8
SITE 1
WELL WW1
UPDES 008
UPDES 002
SWMS-4 (USGS GAGING STATION)
SWMS-5 (USGS GAGING STATION)
MUDDY #1
WELL ZZ
WELL SM1-4
USGS 2-4
BRYANT WELL
UPDES 005
SWMS-3 (FLUME)
WELL AA
EMRIA #4
USGS 2-3
USGS 2-1
SWMS-9
SWMS-10
APPROXIMATE AREA OF HYDROLOGIC EVALUATION

UPDES PERMIT	UPDES OUTFALL	MRP POND ID	SWMS (SURFACE WATER MONITORING SITE #)	COMMENT
UT0022616 (DEEP MINE)	001	1	6	U/G PUMP 1 IN SERVICE
	002	2	7	BEHIND SHOP NORTH IN SERVICE
	003	6	12	U/G PUMP 3 IN SERVICE
	004	6	13	FARMERS POND IRR. WATER IN SERVICE (ALTERNATE DISCHARGE FOR 003)
	005	3	14	BEHIND SHOP SOUTH
	006	8	14	IN SERVICE
	007	5	11	IN SERVICE
	009	9	11	4 EAST PORTAL SITE

UPDES OUTFALL # (CORRESPONDS TO APPROVED UPDES PERMIT UT0022616 OUTFALLS)
MRP POND ID (CORRESPONDS TO POND DESIGN DATA IN DOGM PERMIT 015/015-CHAPTER VI)
SURFACE WATER MONITORING SITE # (CORRESPONDS WITH BASE LINE AND CURRENT MONITORING SITES)

LEGEND

- PERMIT AREA BOUNDARY
- APPROXIMATE AREA OF HYDROLOGIC EVALUATION
- ADJACENT AREA FOR NON-WATER RESOURCES
- GROUND WATER MONITORING WELL- ACTIVE
- GROUND WATER MONITORING WELL- INACTIVE
- GROUND WATER MONITORING WELL- ABANDONED
- MONITORED IRRIGATION SEEP
- MONITORED SPRING
- SURFACE WATER MONITORING SITE
- UPDES DISCHARGE POINT

EarthFax

BASE MAP:
U.S.G.S 7.5 MINUTE QUADRANGLE'S, EMERY WEST 1968.
EMERY EAST 1968, PHOTO REVISED 1978.
MESA BUTTE 1968, PHOTO REVISED 1978.
WALKER FLATE 1968, PHOTO REVISED 1978.

COORDINATE SYSTEM:
STATE PLANE COORDINATES.
NAD 83 CONUS
ZONE 4302-UTAH, CENTRAL - US FEET
VERTICAL DATUM - NAVD 88-US FEET

EXTERNAL REFERENCE:
G:\UC982\XREFS-CURRENT\XREF-USGSMAP.DWG
G:\UC982\XREFS-CURRENT\XREF-PERM-ZZNW.DWG
G:\UC982\XREFS-CURRENT\XREF-SECTION.DWG

REVISIONS

NO.	DATE	BY	DESCRIPTION	NO.	DATE	BY	DESCRIPTION
1	9/6/88	RJD	SITES REVISED ACCORD. TO MPTR SUBMITTAL & ADD. OF NPDES 003	7	03/08	JAG	UPDATE MAP (OLD VI-3)
2	8/1/89	RJD	ADDITION OF NPDES 0	8	05/09	JAG	ZZ NORTH, ADJ. VS. PERMIT, HYDRO BOUNDARY DEF. 3099
3	8/7/90	RJD	ADDITION OF SW SITES 14 & 15	9	08/09	JAG	ZZ NORTH, MILLER CANYON LBA UTU-86038
4	9/95		AMENDED PERMIT BOUNDARY TO EXCLUDE EXPIRED STATE LEASE	10	04/10	JAG	ZZN WEDGE
5	6/30/05	JAG	ADDED FIRST NORTH I.B.C.	11	09/11	JAG	REVISE GROUNDWATER MONITOR PLAN, ABATE NOV 10088
6	12/12/06	JAG	1st NORTH FED LEASE IBC, FULL EXTRACTION				

0' 2000'
SCALE: 1" = 2000'
CONTOUR INTERVAL = 40'

DRAWN BY: SWF
CHECKED BY: JAG
ORIGINAL DATE: 1/81
RE-DRAWN DATE: 7/05
APPROVED BY: JAG
DWG DATA: G:\UC982\14-HYDROLOGY REWRITE\CHAPVI-PLATES\PLATE VI-4.DWG

EMERY MINE
EMERY COUNTY, UTAH
PERMIT NO.
ACT015/015

CONSOLIDATION COAL COMPANY
P.O. BOX 566
SESSER, IL 62884-0566

RECEIVED
SEP 15 2011
DIV. OF OIL, GAS & MINING

File in:
☐ Confidential
☐ Shelf
☒ Expandable
Date Folder 091511 C/0150015
Incoming

REGISTERED PROFESSIONAL ENGINEER
No. 168246
RICHARD B. WHITE
NOT VALID WITHOUT A SIGNATURE
STATE OF UTAH

PLATE VI-4
GROUND WATER MONITORING WELL AND SURFACE WATER MONITORING SITE LOCATION MAP