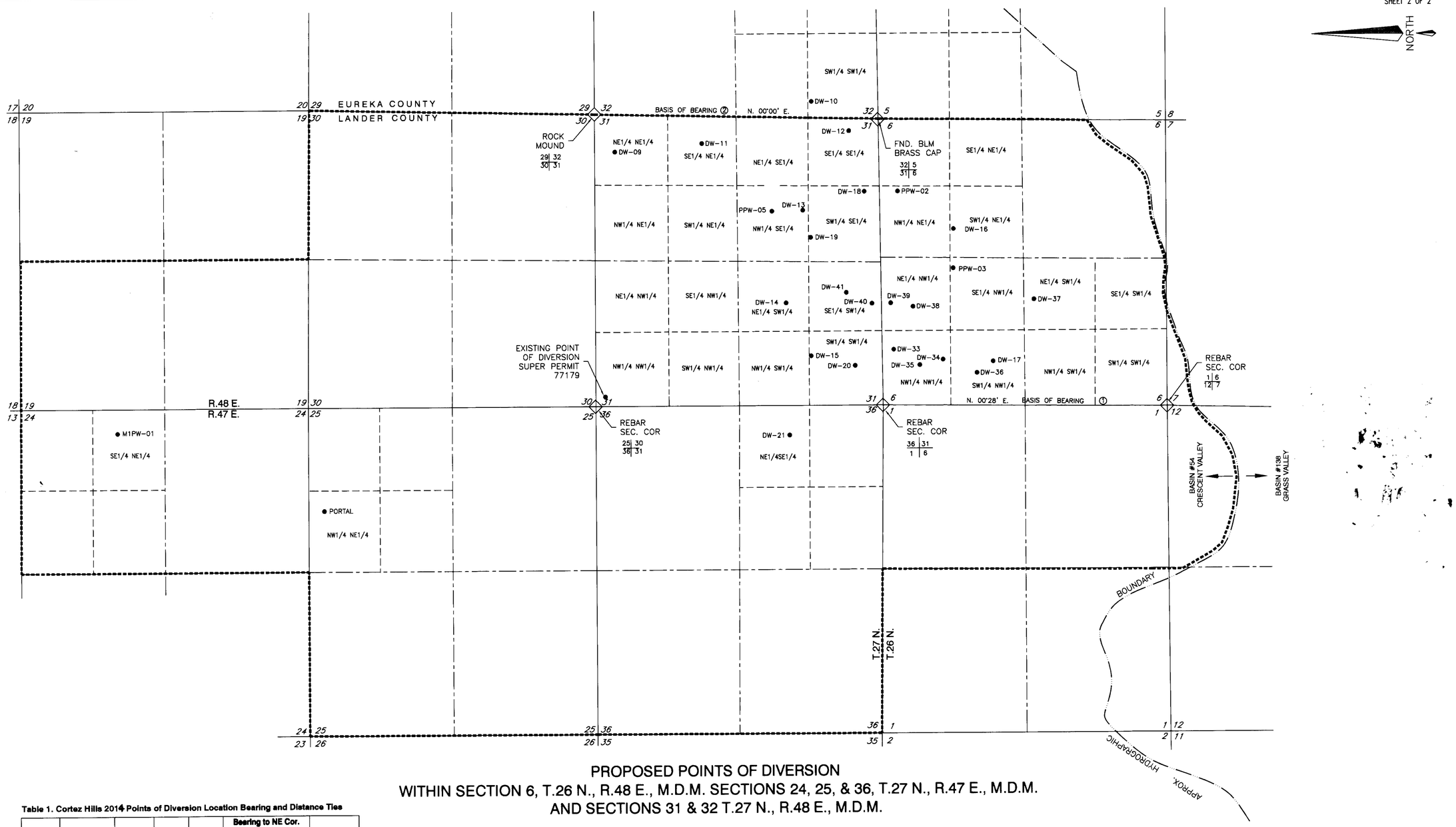


PROPOSED POINTS OF DIVERSION
WITHIN SECTION 6, T.26 N., R.48 E., M.D.M. SECTIONS 24, 25, & 36, T.27 N., R.47 E., M.D.M. AND SECTIONS 31 & 32 T.27 N., R.48 E., M.D.M.

Table 1. Cortez Hills 2014 Points of Diversion Location Bearing and Distance Ties

Well	Qtr Qtr	Section	T.	R.	Bearing to NE Cor. Sec. 1, T26N., R47E., M.D.M.	Distance
DW-11	SE1/4NE1/4	31	27N	48E	S.55°25'W.	5,845'
DW-12	SE1/4SE1/4	31	27N	48E	S.83°03'W.	5,067'
DW-13	NW1/4SE1/4	31	27N	48E	S.67°55'W.	3,870'
DW-14	NE1/4SW1/4	31	27N	48E	S.46°38'W.	2,588'
DW-15	SW1/4SW1/4	31	27N	48E	S.34°37'W.	1,600'
DW-16	SW1/4NE1/4	06	26N	48E	N.67°59'W.	3,483'
DW-17	SW1/4NW1/4	06	26N	48E	N.21°34'W.	2,192'
DW-18	SW1/4SE1/4	31	27N	48E	S.86°13'W.	3,933'
DW-19	SW1/4SE1/4	31	27N	48E	S.66°52'W.	3,349'
DW-20	SW1/4SW1/4	31	27N	48E	S.55°00'W.	886'
DW-21	NE1/4SE1/4	36	27N	47E	S.17°30'E.	1,804'
DW-33	NW1/4NW1/4	06	26N	48E	N.78°58'W.	1,038'
DW-34	NW1/4NW1/4	06	26N	48E	N.37°01'W.	1,382'
DW-35	NW1/4NW1/4	06	26N	48E	N.47°38'W.	991'
DW-36	SW1/4NW1/4	06	26N	48E	N.19°10'W.	1,815'
DW-38	NE1/4NW1/4	06	26N	48E	N.72°51'W.	1,889'
DW-39	NE1/4NW1/4	06	26N	48E	N.85°28'W.	1,878'
DW-40	SE1/4SW1/4	31	27N	48E	S.84°02'W.	1,876'
DW-41	SE1/4SW1/4	31	27N	48E	S.72°09'W.	2,177'
Portal	NW1/4NE1/4	25	27N	47E	S.10°26'E.	10,453'
M1PW-01	SE1/4NE1/4	24	27N	47E	S.01°49'E.	14,079'
PPW-02	NW1/4NE1/4	06	26N	48E	N.85°47'W.	3,936'
PPW-03	SE1/4NW1/4	06	26N	48E	N.62°41'W.	2,792'
PPW-05	NW1/4SE1/4	31	27N	48E	S.60°22'W.	4,094'
					Bearing to SE Cor. Sec. 31, T27N., R48E., M.D.M.	
DW-09	NE1/4NE1/4	31	27N	48E	S.06°48'E.	4,885'
DW-10	SW1/4SW1/4	32	27N	48E	S.14°56'W.	1,263'
					Bearing to SW Cor. Sec. 6, T26N., R48E., M.D.M.	
DW-37	NE1/4SW1/4	06	26N	48E	S.39°00'W.	3,130'

NOTES:

1. THE APPROXIMATE LOCATION OF THE BASIN BOUNDARY IS BASED ON EXTRAPOLATION OF THE DIVISION OF WATER RESOURCES HYDROGRAPHIC BOUNDARY MAPPING, AND IS CONSISTENT WITH ORDER #1189 MASTER PERMIT 77179 MAPPING.
2. MAP SECTION CORNERS ARE BASED ON MAPS ON FILE UNDER APPLICATIONS 73266, 75053, 77179, 79543T, 81583T, AND 82524T.
3. PLEASE REFER TO MAP ON FILE UNDER APPLICATION 77179 TO SUPPORT THE EXISTING POINT OF DIVERSION AND PLACE OF USE.
4. FOR PROPOSED PLACE OF USE SEE SHEET 1.
5. WELL DW-10 IS IN THE CORTEZ HILLS AREA, BUT IS NOT WITHIN THE ORDER 1189 BOUNDARY.

BASIS OF BEARING:

① N.00°28'E. BEING THE EAST LINE OF SECTION 1, T.26 N., R.47 E., M.D.M. MEASUREMENTS BY GLOBAL POSITIONING SYSTEM (GPS) OBSERVATION CALCULATED IN UTM, NAD 27, USING A TRIMBLE 5800 RECEIVER (SERIAL NUMBER 4424134883) WITH 1 CM ACCURACY, PER MAP ON FILE UNDER APPLICATION 73266.

② N.00°00'E, BEING THE EAST LINE OF SECTION 31, T.27 N., R.48 E., M.D.M. AS SHOWN ON BLM PLAT TOWNSHIP 27N, RANGE 48E, ACCEPTED BY THE OFFICE OF THE US SURVEYOR GENERAL, VIRGINIA CITY, NEVADA ON DECEMBER 7, 1869. MEASUREMENTS BY GLOBAL POSITIONING SYSTEM (GPS) OBSERVATION CALCULATED IN UTM, NAD 27, USING A TRIMBLE 5800 GPS UNIT. ACCURACY TO 1 METER.

---------- STATE ENGINEER'S ORDER 1189 BOUNDARY

0 500 1000 2000 3000 4000
SCALE: 1"=1000'

STATE ENGINEER'S USE

848347, 848357

FILED
FEB 11 2015
STATE ENGINEER'S OFFICE

MAP

TO ACCOMPANY TEMPORARY APPLICATIONS TO CHANGE THE POINT OF DIVERSION AND PLACE OF USE OF A PORTION AND THE POINT OF DIVERSION, PLACE AND MANNER OF USE OF A PORTION UNDER PERMIT 77179 FOR MINING, MILLING & DEWATERING, AND STOCKWATER USE BY

Cortez Joint Venture

FROM UNDERGROUND SOURCES IN LANDER COUNTY AND EUREKA COUNTY, NEVADA

Engineering • Surveying • Water Rights
Resources & Environmental Services
www.rci-nv.com
Carson City
340 N. Minnesota St.
Carson City, NV 89703-4152
775-883-1600
Zephyr Cove
212 Elks Point Rd., Ste. 443
Zephyr Cove, NV 89448-8020
775-588-7500
RCI Resource Concepts Inc

REVISION	DATE

JOB NO.	98-124-01
DATE	2/11/15
DRAWN	MLM
CHECKED	KLS
REVISED	

86263T 85200 85014 85013 85012 85011T 84835 T 84834

NOTES:

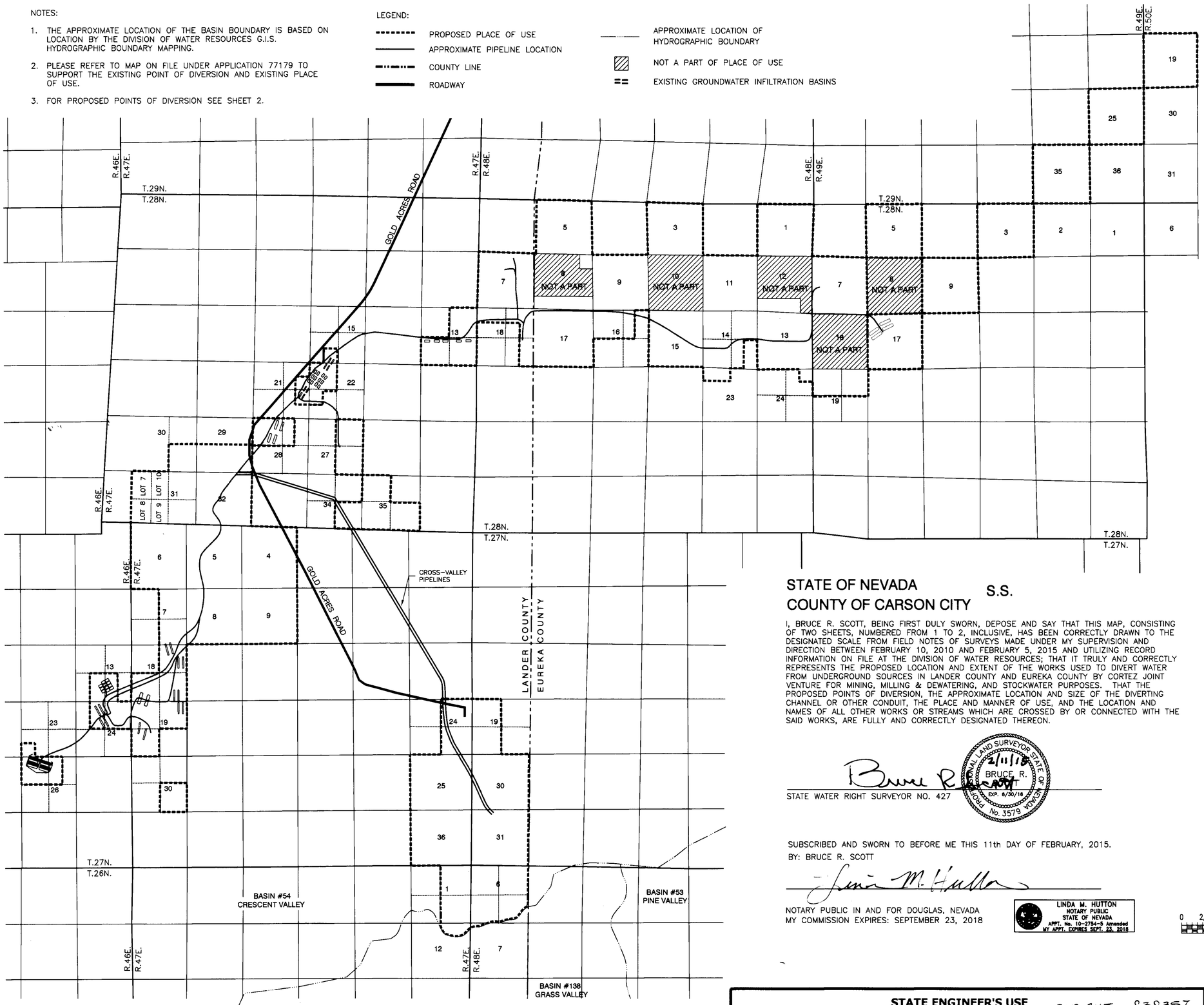
1. THE APPROXIMATE LOCATION OF THE BASIN BOUNDARY IS BASED ON LOCATION BY THE DIVISION OF WATER RESOURCES G.I.S. HYDROGRAPHIC BOUNDARY MAPPING.
2. PLEASE REFER TO MAP ON FILE UNDER APPLICATION 77179 TO SUPPORT THE EXISTING POINT OF DIVERSION AND EXISTING PLACE OF USE.
3. FOR PROPOSED POINTS OF DIVERSION SEE SHEET 2.

LEGEND:

- PROPOSED PLACE OF USE
- APPROXIMATE PIPELINE LOCATION
- COUNTY LINE
- ROADWAY
- APPROXIMATE LOCATION OF HYDROGRAPHIC BOUNDARY
- NOT A PART OF PLACE OF USE
- EXISTING GROUNDWATER INFILTRATION BASINS

SHEET 1 OF 2

NORTH



PROPOSED PLACE OF USE - within:

SECTIONS 1 & 12, T.26 N., R.47 E., M.D.M.,
SECTIONS 6 & 7, T.26 N., R.48 E., M.D.M.,
SECTIONS 13, 23, 24 & 26, T.27 N., R.46 E. M.D.M.,
SECTIONS 4, 5, 6, 7, 8, 9, 18, 19, 24, 25, 30, & 36, T.27 N., R.47 E., M.D.M.,
SECTIONS 19, 30 & 31 T.27 N., R.48 E., M.D.M.,
SECTIONS 13, 15, 21, 22, 27, 28, 29, 30, 31, 32, 34, & 35 T.28 N., R.47 E. M.D.M.,
SECTIONS 1, 3, 5, 7, 8, 9, 11, 12, 13, 14, 15, 16, 17, 18, 23 & 24, T.28 N., R.48 E., M.D.M.,
SECTIONS 3, 5, 7, 9, 17 & 19, T.28 N., R 49 E., M.D.M.,
SECTIONS 25 & 35, T.29 N., R.49 E., M.D.M.,
AND SECTION 19, T.29 N., R.50 E., M.D.M.

STATE OF NEVADA
COUNTY OF CARSON CITY S.S.

I, BRUCE R. SCOTT, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF TWO SHEETS, NUMBERED FROM 1 TO 2, INCLUSIVE, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF SURVEYS MADE UNDER MY SUPERVISION AND DIRECTION BETWEEN FEBRUARY 10, 2010 AND FEBRUARY 5, 2015 AND UTILIZING RECORD INFORMATION ON FILE AT THE DIVISION OF WATER RESOURCES; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM UNDERGROUND SOURCES IN LANDER COUNTY AND EUREKA COUNTY BY CORTEZ JOINT VENTURE FOR MINING, MILLING & DEWATERING, AND STOCKWATER PURPOSES. THAT THE PROPOSED POINTS OF DIVERSION, THE APPROXIMATE LOCATION AND SIZE OF THE DIVERTING CHANNEL OR OTHER CONDUIT, THE PLACE AND MANNER OF USE, AND THE LOCATION AND NAMES OF ALL OTHER WORKS OR STREAMS WHICH ARE CROSSED BY OR CONNECTED WITH THE SAID WORKS, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

Bruce R. Scott

STATE WATER RIGHT SURVEYOR NO. 427

PROFESSIONAL LAND SURVEYOR STATE OF NEVADA
2/11/15
BRUCE R. SCOTT
EXP. 6/30/16
No. 3579

SUBSCRIBED AND SWORN TO BEFORE ME THIS 11th DAY OF FEBRUARY, 2015.
BY: BRUCE R. SCOTT

Linda M. Hutton

NOTARY PUBLIC IN AND FOR DOUGLAS, NEVADA
MY COMMISSION EXPIRES: SEPTEMBER 23, 2018

LINDA M. HUTTON
NOTARY PUBLIC
STATE OF NEVADA
APPT. No. 10-2754-5 Amended
MY APPT. EXPIRES SEPT. 23, 2018

0 2,500 5,000 10,000 15,000
SCALE: 1"=5000'

Engineering • Surveying • Water Rights
Resources & Environmental Services
www-rci-nv.com
Carson City
340 N. Minnesota St.
Carson City, NV 89703-4152
775-883-1600
Zephyr Cove
212 Elks Point Rd., Ste. 443
Zephyr Cove, NV 89448-8020
775-588-7500
RCI Resource Concepts Inc

REVISION	DATE

JOB NO.	98-124-01
DATE	2/11/15
DRAWN	MLM
CHECKED	KLS
REVISED	

STATE ENGINEER'S USE

848 34T , 838357

FILED
FEB 11 2015
STATE ENGINEER'S OFFICE

MAP

TO ACCOMPANY TEMPORARY APPLICATIONS TO CHANGE THE POINT OF DIVERSION AND PLACE OF USE OF A PORTION AND THE POINT OF DIVERSION, PLACE AND MANNER OF USE OF A PORTION UNDER PERMIT 77179 FOR MINING, MILLING & DEWATERING, AND STOCKWATER USE BY

Cortez Joint Venture

FROM UNDERGROUND SOURCES IN LANDER COUNTY AND EUREKA COUNTY, NEVADA

894T 893T 892T 891T 890T 889T 888T

86887T 86263T 85898T 85896T 85895T 85894T 85893T 85200 85014 85013 85012 85011T 84835T 84834T