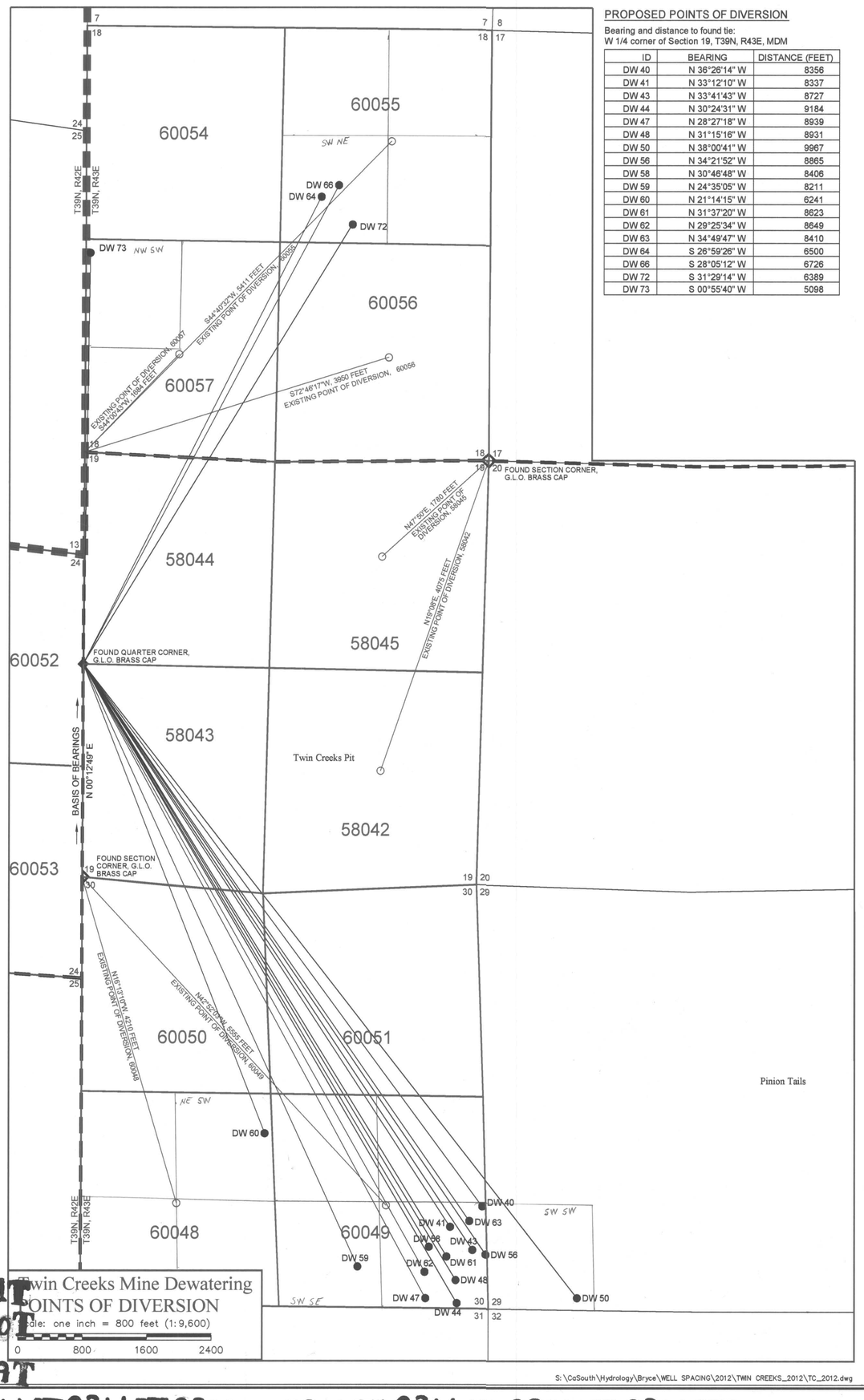
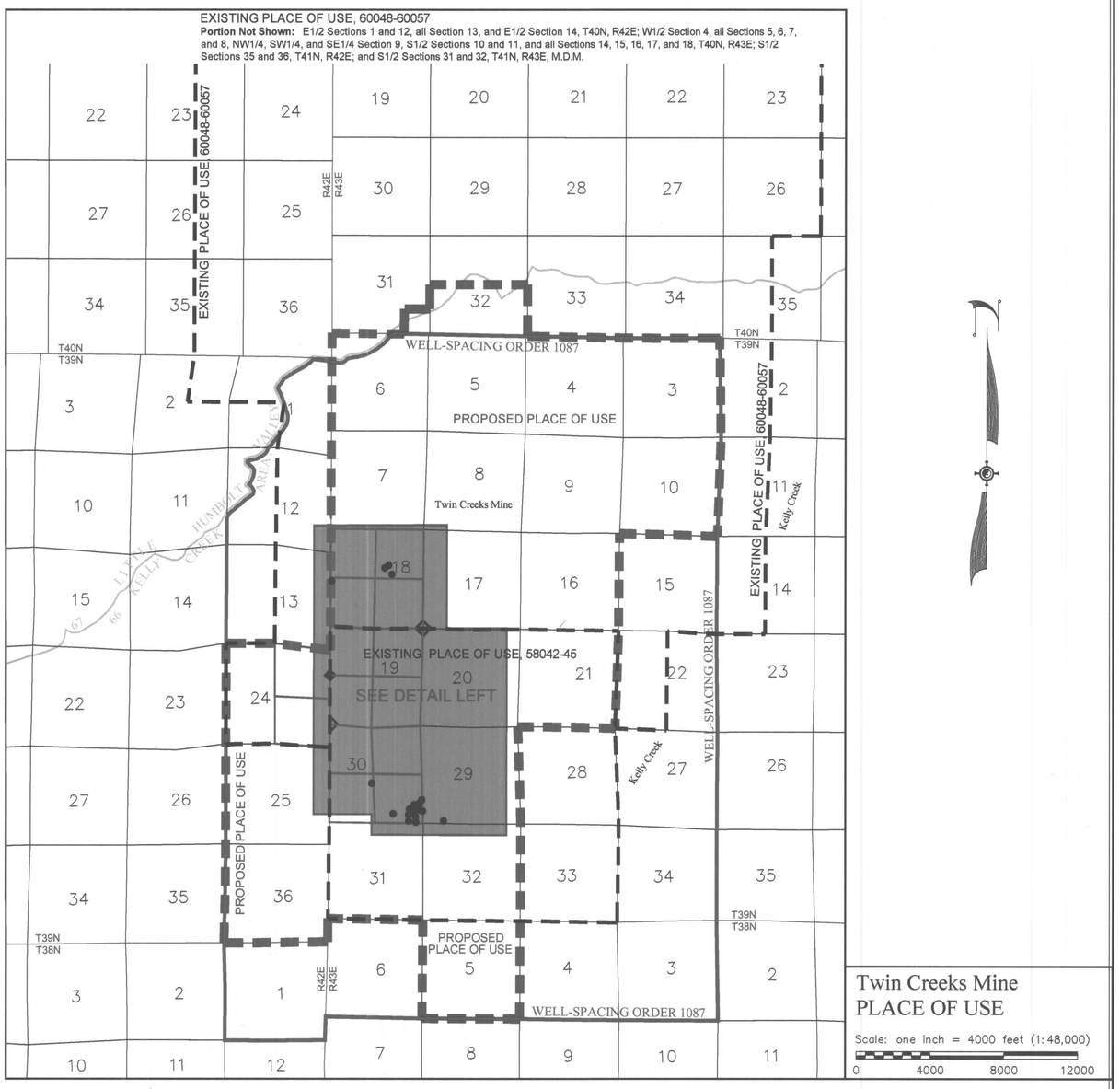


PROPOSED POINTS OF DIVERSION

Bearing and distance to found tie:
W 1/4 corner of Section 19, T39N, R43E, MDM

ID	BEARING	DISTANCE (FEET)
DW 40	N 36°26'14" W	8356
DW 41	N 33°12'10" W	8337
DW 43	N 33°41'43" W	8727
DW 44	N 30°24'31" W	9184
DW 47	N 28°27'18" W	8939
DW 48	N 31°15'16" W	8931
DW 50	N 38°00'41" W	9967
DW 56	N 34°21'52" W	8865
DW 58	N 30°46'48" W	8406
DW 59	N 24°35'05" W	8211
DW 60	N 21°14'15" W	6241
DW 61	N 31°37'20" W	8623
DW 62	N 29°25'34" W	8649
DW 63	N 34°49'47" W	8410
DW 64	S 26°59'26" W	6500
DW 66	S 28°05'12" W	6726
DW 72	S 31°29'14" W	6389
DW 73	S 00°55'40" W	5098



LEGEND

- PROPOSED POINTS OF DIVERSION (SEE TABLE)
- EXISTING POINTS OF DIVERSION
- FOUND SECTION CORNERS
- FOUND QUARTER-SECTION CORNERS
- EXISTING PLACE OF USE
- PROPOSED PLACE OF USE
- WELL-SPACING BLOCK
- ORDER JURISDICTION
- ADMINISTRATIVE AREAS
- COUNTY BOUNDARIES (NONE)

MAP NOTES

THIS MAP ACCOMPANIES APPLICATIONS FOR TEMPORARY PERMITS. Deviation from the Guidelines and Rules for the Preparation of Water Right Maps (2000) includes use of color and water based ink, absence of water right surveyor affidavit, paper medium, a scale of less than one-inch-to-1000-feet for Place of Use, omission of quarter-section and sixteenth-section details, and strict adherence to Basis of Bearings guidelines (which would require an actual field survey; see Basis of Bearing notes below).

(2002) Boundaries of hydrographic areas of the Humbolt River Region courtesy of Nevada Division of Water Resources (NDWR). Department of Conservation and Natural Resources. These are administrative boundaries rather than strictly hydrologic ones.

BASIS OF BEARING

The line bearing N00°12'49"E from the SW corner to the W quarter-corner of Section 19, T39N, R43E, M.D.M. is referenced to a compilation of surveyed and protracted BLM GCDB data and historical survey records in the Nevada State Plane Coordinate System, NAD27, East Zone by Mark Boge, Water Rights Surveyor 662, translated to the UTM (NAD27) Coordinate System, Zone 11N (see Map Notes above).

STATE ENGINEER'S USE

82433T - 82451T

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Map to Accompany Applications to Change the Points of Diversion, Manner of Use, and Place of Use of Portions Under Permits: 58042, 58045, 60048, 60049, 60055, 60056, and 60057

For Mining, Milling, Domestic, and Dewatering
By Santa Fe Pacific Gold ~~Company~~ Corporation
From Underground
In Humbolt County, Nevada

REL per memo

82451T Twin Creeks Mine Dewatering
82450T POINTS OF DIVERSION
82449T Scale: one inch = 800 feet (1:9,600)
0 800 1600 2400

S:\CaSouth\Hydrology\Bryce\WELL SPACING\2012\TWIN CREEKS_2012\TC_2012.dwg

82448T 82447T 82446T 82445T 82444T 82443T 82442T 82441T 82440T 82439T 82438T 82437T 82436T 82435T 82434T 82433T