

**Resolution Copper Project and Land Exchange
Environmental Impact Statement**

USDA Forest Service
Tonto National Forest
Arizona

February 27, 2023

Process Memorandum to File

Additional Analysis of Individual Wells

This document is deliberative and is prepared by the third-party contractor in compliance with the National Environmental Policy Act and other laws, regulations, and policies to document ongoing process and analysis steps. This document does not take the place of any Line Officer's decision space related to this project.

**Prepared by:
Chris Garrett
SWCA Environmental Consultants**

Purpose of Process Memorandum

The decision on how to analyze individual water supply wells potentially impacted by Resolution Copper activities is clearly disclosed in the EIS (section 3.7.1) and other background documentation (Newell and Garrett 2018). This approach was also the topic of public comments on the DEIS, with responses to those comments documented in Appendix R of the EIS (see response WT58 “Impacts to Individual Wells”).

The approach used in the EIS is to analyze proxy wells to represent drawdown impacts in three areas: Top-of-the-World, the Town of Superior, and Boyce Thompson Arboretum. Individual wells were not analyzed one-by-one because of fundamental unknowns:

In order to evaluate the effects of groundwater drawdown on an individual well, a number of details need to be known about the well construction and operation. These include depth to water, depth of well, location of perforated intervals, and the type and depth of pump equipment in the well. In general, individual water supply wells vary so much a hypothetical 10-foot drop in the water table could leave a shallow well completely dry (requiring it to be redrilled), could cause a different well to lower a pump but otherwise remain unaffected, or could have no noticeable effect at all for deeper wells. Most of these key details are unknown through existing data sources, and unable to be collected without disrupting water service. (FEIS, p. 393)¹.

In June 2022, the Forest Service received additional comments from a review of the January 2021 rescinded FEIS conducted by three Bureau of Land Management water specialists. These comments expressed understanding for the approach described above but suggested expanding the analysis to include the total number of wells impacted. The purpose of this process memo is to provide that analysis.

Well Registry Files Obtained

The analysis is based on the most recent available version of the Arizona Department of Water Resources (ADWR) Well Registry, also known as the “55-files”. The well registry was obtained on February 27, 2023 in GIS format from the ADWR data repository².

GIS Analysis Conducted

The well registry files were analyzed to extract the lists of wells within the following polygons:

- The 10-foot modeled drawdown contour in the East Salt River Valley caused by Resolution Copper pumping from the Desert Wellfield, under Alternative 2 (the highest groundwater use,

¹ Note that references to FEIS page numbers or figure numbers refer to the January 2021 version of the FEIS that was later rescinded in March 2021.

² <https://gisdata2016-11-18t150447874z-azwater.opendata.arcgis.com/datasets/azwater::well-registry/explore>

shown in figure 3.7.1-2 in the FEIS). Note that where the 10-foot drawdown contour is not drawn, the model boundaries as shown in figure 3.7.1-2 were used for the polygon boundary.

- The 10-foot modeled drawdown contour in the East Salt River Valley caused by Resolution Copper pumping from the Desert Wellfield, under Alternative 4 (the lowest groundwater use, shown in figure 3.7.1-2 in the FEIS).
- The 10-foot modeled drawdown contour (from the best-calibrated base-case model) at the mine site, caused by Resolution Copper's dewatering and block-caving, as shown in figure 3.7.1-3 in the FEIS.
- The expanded 10-foot modeled drawdown contour (from the sensitivity analysis modeling) at the mine site, caused by Resolution Copper's dewatering and block-caving, as shown in figure 3.7.1-3 in the FEIS.

The raw extracted data are included with this process memo in Attachments 1 through 4, respectively.

Further Reduction of Data

The raw extracted data were further processed to remove the following types of wells:

- Any monitoring wells, piezometers, soil vapor extraction, injection wells, vadose zone monitoring wells, or sparging wells
- Any cathodic protection, geotechnical, exploration, or mineral exploration wells
- Any well record indicating that the application was canceled

The remaining wells are classified as varying types of either exempt or non-exempt wells and represent wells potentially used for water supply. The resulting data sets were then further processed to remove any wells under the ownership of Resolution Copper or Integrity Land and Cattle Company (operated by Resolution Copper).

Results of Analysis

The following results were obtained from the analysis of the ADWR well registry:

- Wells within the 10-foot drawdown contour for Alternative 2 in the East Salt River Valley
 - 304 exempt wells
 - 307 non-exempt wells
 - 611 wells total
- Wells within the 10-foot drawdown contour for Alternative 4 in the East Salt River Valley
 - 180 exempt wells
 - 165 non-exempt wells

- 345 wells total
- Wells within the 10-foot drawdown contour for the mine site (best-calibrated base-case model)
 - 48 exempt wells
 - 5 non-exempt wells
 - 53 wells total
- Wells within the expanded 10-foot drawdown contour for the mine site (sensitivity analysis modeling)
 - 111 exempt wells
 - 13 non-exempt wells
 - 124 wells total

References

Newell, E., and C. Garrett. 2018. Water Resource Analysis: Assumptions, Methodology Used, Relevant Regulations, Laws, and Guidance, and Key Documents. Process memorandum to file. Phoenix, Arizona: SWCA Environmental Consultants. August 6.

Attachment 1

Wells within the 10-foot drawdown contour for Alternative 2 in the East Salt River Valley

PROGRAM	REGISTRY_I	OWNER_NAME	WELLTYPE	WELL_CANCE	CADASTRAL	UTM_X_METE	UTM_Y_METE	ADDRESS1	ADDRESS2	CITY	STATE	ZIP	ZIP4	WATER_USE
55	914092	RESOLUTION COPPER COMPANY	ENV - VADOSE ZONE		D02010026BAB	472275.5	3677307	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		NO WATER USE
55	914093	AZ STATE LAND DEPT.	EXEMPT		D02010025AAB	474690.3	3677319	1616 W ADAMS		PHOENIX	AZ	85007		STOCK
55	914094	RESOLUTION COPPER COMPANY	ENV - VADOSE ZONE	Y	D02010035BBB	471890.6	3675683	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		NO WATER USE
55	914095	RESOLUTION COPPER COMPANY	ENV - VADOSE ZONE		D02010036BCB	473499.4	3675285	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		NO WATER USE
55	914096	RESOLUTION COPPER COMPANY	ENV - VADOSE ZONE		D02010036DDD	474913.4	3674278	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		NO WATER USE
55	914212	LIBERTY WATER	ENV - MONITOR		D01009007BBA	455929	3691792	12725 W. INDIAN SCHOOL ROAD, D101		AVONDALE	AZ	85392		MONITORING
55	914258	ARIZONA STATE LAND DEPARTMENT	ENV - MONITOR		D02010025AAB	474690.3	3677319	1616 W. ADAMS		PHOENIX	AZ	85007		MONITORING
55	914830	SHERRI THORTON-STACAR	EXEMPT		D02008033ABB	450023.2	3675711	2842 E. HORSE MESA TRAIL.		SAN TAN VALLEY	AZ	85140		DOMESTIC
55	915800	MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION	SPCL - GEOTECHNICAL		D02007025BDB	444592.4	3676918	2901 W DURANGO STREET		PHOENIX	AZ	85009		NO WATER USE
55	916020	CENTRAL ARIZONA PROJECT	SPCL - OTHER		D02008026ADB	453643.3	3676927	23636 N. SEVENTH ST.		PHOENIX	AZ	85024		NO WATER USE
55	916107	LANDMARK 13 RANCH LLC	EXEMPT		D02007024BAA	444788.3	3678912	4915 E. BASELINE RD. STE. 105		GILBERT	AZ	85234		DOMESTIC
55	917396	ARIZONA STATE LAND DEPARTMENT	ENV - MONITOR	Y	D03010002CCC	471903.5	3672652	1616 WEST ADAMS STREET		PHOENIX	AZ	85007		MONITORING
55	917397	ARIZONA STATE LAND DEPARTMENT	ENV - MONITOR		D03010001BAC	473912.3	3673869	1616 WEST ADAMS STREET		PHOENIX	AZ	85007		MONITORING
55	917400	RESOLUTION COPPER MINING	SPCL - GEOTECHNICAL		D03010001000	474217.3	3673362	PO BOX 1944		SUPERIOR	AZ	85273		NO WATER USE
55	917401	RESOLUTION COPPER MINING	SPCL - GEOTECHNICAL		D03010001000	474217.3	3673362	PO BOX 1944		SUPERIOR	AZ	85273		NO WATER USE
55	917403	RESOLUTION COPPER MINING	SPCL - GEOTECHNICAL		D03010001000	474217.3	3673362	PO BOX 1944		SUPERIOR	AZ	85273		NO WATER USE
55	917404	RESOLUTION COPPER MINING	SPCL - GEOTECHNICAL		D03010002000	472608.1	3673359	PO BOX 1944		SUPERIOR	AZ	85273		NO WATER USE
55	917405	RESOLUTION COPPER MINING	SPCL - GEOTECHNICAL		D03010002000	472608.1	3673359	PO BOX 1944		SUPERIOR	AZ	85273		NO WATER USE
55	919136	MIKE MICHNE	EXEMPT		D01008031BBB	445804	3685384	4055 S ST CLAIRE CIRCLE		MESA	AZ	85212		DOMESTIC
55	919230	FRED & MARIE MARIN	EXEMPT		D01008031BBD	446039.1	3685183	11252 E. PRONGHORN AVE.		MESA	AZ	85212		DOMESTIC
55	921101	MIDWEST LAND TRUST LLC	SPCL - GEOTECHNICAL	Y	D02008021DDD	450636.9	3677523	85 W COMBS RD STE 101-444		SAN TAN VALLEY	AZ	85140		NO WATER USE
55	923052	DRAKE CEMENT	SPCL - GEOTECHNICAL		D02008022000	451536.2	3678224	21803 N SCOTTSDALE ROAD		SCOTTSDALE	AZ	85255		NO WATER USE
55	923898	ACA THREE	SPCL - MINERAL EXPLORATION		D02008022000	451536.2	3678224	2355 E CAMELBACK ROAD		PHOENIX	AZ	85016		NO WATER USE
55	925540	GARY & CHRISTI POLING	EXEMPT		D03009017BBA	457693.2	3670855	10336 E. JOSEPH LANE		SAN TAN VALLEY	AZ	85143		DOMESTIC
55	925568	JEFF & RHONDA JOHNSON	EXEMPT		D03009032AAD	458921.8	3665812	4173 E MEADOW LANE WAY		SANTAN VALLEY	AZ	85140		DOMESTIC
55	925784	MIDWEST LAND TRUST, LLC	SPCL - MINERAL EXPLORATION		D02008021000	449931.4	3678228	85 WEST COMBS ROAD, SUITE 101, #444		SAN TAN VALLEY	AZ	85140		NO WATER USE
55	925785	MIDWEST LAND TRUST	SPCL - MINERAL EXPLORATION		D02008022000	451536.2	3678224	85 WEST COMBS ROAD, SUITE 101, #444		SAN TAN VALLEY	AZ	85140		NO WATER USE
55	925788	MARICOPA COUNTY	ENV - MONITOR		D02007028DDA	440778	3676101	301 WEST JEFFERSON ST		PHOENIX	AZ	85003		MONITORING
55	925825	MARICOPA COUNTY	ENV - MONITOR		D02007028DDA	440778	3676101	301 WEST JEFFERSON ST		PHOENIX	AZ	85003		MONITORING
55	926619	HOUSE2CASH	EXEMPT		D03009017CBC	457504.4	3669855	3104 E CAMELBACK RD # 2003		PHOENIX	AZ	85016		DOMESTIC
55	926689	MICHAEL & CONNIE FOX	EXEMPT		D03009017CBC	457504.4	3669855	31699 N FELIX RD		SAN TAN VALLEY	AZ	85143		DOMESTIC
55	927177	MARISCAL CATTLE & CONSTRUCTION LLC	EXEMPT		D03009018DAB	457089.7	3670058	31877 N JUDYS RD		SAN TAN VALLEY	AZ	85143		DOMESTIC, STOCK

Attachment 2

Wells within the 10-foot drawdown contour for Alternative 4 in the East Salt River Valley

Attachment 3

Wells within the 10-foot drawdown contour for the Mine Site (best-calibrated, base-case model)

Attachment 4

**Wells within the expanded 10-foot drawdown contour for the Mine Site
(sensitivity analysis modeling)**

PROGRAM	REGISTRY_I	OWNER_NAME	WELLTYPE	WELL_CANCE	CADASTRAL	UTM_X_METE	UTM_Y_METE	ADDRESS1	ADDRESS2	CITY	STATE	ZIP	ZIP4	WATER_USE
55	556793	MASHAW, GREGORY,	EXEMPT		D02012004DDC	489097.5	3682249 PO BOX 52			SUPERIOR	AZ	85172		DOMESTIC, IRRIGATION
55	557632	BHP COPPER INC,	SPCL - EXPLORATION		D02013005000	496118.3	3682990 7400 N ORACLE RD 200			TUCSON	AZ	85704		NO WATER USE
55	557633	BHP COPPER INC,	SPCL - EXPLORATION	Y	D01013032000	494119.6	3684530 7400 N ORACLE RD 200			TUCSON	AZ	85704		NO WATER USE
55	557634	BHP COPPER INC,	SPCL - EXPLORATION		D02013006000	494758.7	3682988 7400 N ORACLE RD 200			TUCSON	AZ	85704		NO WATER USE
55	558551	MARTINEZ, GEORGE,	EXEMPT		D02012009BAD	488498.8	3681841 653 GIBBS ST			SUPERIOR	AZ	85173		DOMESTIC
55	558203	RESOLUTION COPPER COMPANY	ENV - MONITOR OR PIEZOMETER	Y	D01012035ADB	490979.3	3684832 102 MAGMA HEIGHTS			SUPERIOR	AZ	85173		MONITORING
55	558204	BHP COPPER,	ENV - MONITOR OR PIEZOMETER		D01012026CDC	490169.2	3685442 PO BOX 37			SUPERIOR	AZ	85173		MONITORING
55	558205	RESOLUTION COPPER MINING LLC	ENV - MONITOR OR PIEZOMETER		D01012034DBC	488962.3	3684243 102 MAGMA HEIGHTS			SUPERIOR	AZ	85173		MONITORING
55	558206	RESOLUTION COPPER MINING LLC	ENV - MONITOR OR PIEZOMETER		D01012034DBC	488962.3	3684243 102 MAGMA HEIGHTS			SUPERIOR	AZ	85173		MONITORING
55	558207	RESOLUTION COPPER MINING LLC	ENV - MONITOR OR PIEZOMETER	Y	D01012035CAB	490174.6	3684438 102 MAGMA HEIGHTS			SUPERIOR	AZ	85173		MONITORING
55	558208	RESOLUTION COPPER MINING LLC	ENV - MONITOR OR PIEZOMETER		D01012035CDB	490177.8	3684036 102 MAGMA HEIGHTS			SUPERIOR	AZ	85173		MONITORING
55	558209	RESOLUTION COPPER MINING LLC	SPCL - EXPLORATION	Y	D01012034DDA	489570.6	3684039 102 MAGMA HEIGHTS			SUPERIOR	AZ	85173		NO WATER USE
55	558210	BHP COPPER,	SPCL - EXPLORATION	Y	D02012004ACA	488895.6	3683241 PO BOX 37			SUPERIOR	AZ	85173		NO WATER USE
55	571999	JOHN NORIEGA	EXEMPT	Y	D02012004DCD	488896.5	3682249 311 GIBBS STREET			SUPERIOR	AZ	85173		DOMESTIC
55	568018	MELVIN & SILVIA WERRE	EXEMPT		D01013014DBB	499450.5	3688846 2839 CR 93C			ALVIN	TX	775111	7735	DOMESTIC
55	572516	BRETT FLEACE	EXEMPT		D01013014DBA	499248.3	3689255 51500 N SIGNAL MOUNTAIN RD			MIAMI	AZ	85539		DOMESTIC
55	560947	LANCE DMYTROW	EXEMPT		D01013014DAC	499449.8	3689049 3588 E HOPKINS RD			GILBERT	AZ	85295		DOMESTIC
55	559434	RUIZ, MANUEL JR,	EXEMPT		D02012003BCD	489702.5	3683040 BOX BC			SUPERIOR	AZ	85173		DOMESTIC, IRRIGATION
55	560980	SHACKELFORD, LEROY,H	EXEMPT		D01012035CAC	490176.2	3684237 300 COPPER ST			SUPERIOR	AZ	85173		DOMESTIC
55	562908	CHARLES E PETTIJOHN	EXEMPT		D01012013AAB	492592.3	3690063 PO BOX 398			CAMP VERDE	AZ	86322		DOMESTIC
55	562940	BHP COPPER INC	SPCL - EXPLORATION	N	D01013032CDC	494429.7	3683825 7400 N ORACLE RD 200			TUCSON	AZ	85704		NO WATER USE
55	562941	BHP COPPER INC	SPCL - EXPLORATION		D02013006000	494758.7	3682988 7400 N ORACLE RD 200			TUCSON	AZ	85704		NO WATER USE
55	562584	SOUTH FORK LAND COMPANY LLC	EXEMPT		D01013014DDD	499652	3688639 4662 N 65TH ST			SCOTTSDALE	AZ	85251		DOMESTIC
55	562585	OAKDALE PROP LTD,	EXEMPT		D01013013CCB	499853.4	3688840 PO BOX 2513			GLOBE	AZ	85502		DOMESTIC
55	561832	MICHAEL & KARE HILL	EXEMPT		D01013014DDA	499651.3	3688842 52195 E. BLACK JAY ROAD			MIAMI	AZ	85539		DOMESTIC
55	561537	RESOLUTION COPPER MINING LLC	SPCL - EXPLORATION		D01012035C00	490075.6	3684136 102 MAGMA HEIGHTS			SUPERIOR	AZ	85173		NO WATER USE
55	564393	DANIEL FREDERICK SMITH	EXEMPT		D01013013CCC	499853.2	3688637 52187 E BLACK JACK RD			MIAMI	AZ	85539		DOMESTIC
55	563618	RESOLUTION COPPER MINING LLC	ENV - MONITOR OR PIEZOMETER	Y	D02012004ADB	489096.5	3683240 ATT: CASEY MCKEON		102 MAGMA HEIGHTS RD	SUPERIOR	AZ	85273		MONITORING
55	563619	BHP COPPER,	ENV - MONITOR OR PIEZOMETER	Y	D02012004AAB	489096.2	3683637 PO BOX 37			SUPERIOR	AZ	85173		NO WATER USE
55	563620	RESOLUTION COPPER MINING LLC	ENV - MONITOR OR PIEZOMETER		D02012003BAB	489900.3	3683635 102 MAGMA HEIGHTS			SUPERIOR	AZ	85173		MONITORING
55	563621	RESOLUTION COPPER MINING LLC	ENV - MONITOR OR PIEZOMETER		D01012034DBC	488962.3	3684243 102 MAGMA HEIGHTS			SUPERIOR	AZ	85173		MONITORING
55	563622	RESOLUTION COPPER MINING LLC	ENV - MONITOR OR PIEZOMETER		D01012035CDC	490179.4	3683834 102 MAGMA HEIGHTS			SUPERIOR	AZ	85173		MONITORING
55	583219	VALEEN PLOWER	EXEMPT		D01013014DBA	499248.3	3689255 PO BOX 976			CLAYPOOL	AZ	85532		DOMESTIC
55	586003	TREJO OIL COMPANY	ENV - MONITOR	Y	D02012003ACB	490306.6	3683236 7227 EAST BASELINE RD , STE 109			MESA	AZ	85209		TEST
55	587213	RESOLUTION COPPER MINING LLC	ENV - MONITOR	N	D01013032CDC	494429.7	3683825 ATT: DAN MEAD		PO BOX 1944	SUPERIOR	AZ	85173		TEST
55	587214	RESOLUTION COPPER MINING LLC	SPCL - MINERAL EXPLORATION	N	D02013006BCA	494418.1	3683265 ATT: DAN MEAD		PO BOX 1944	SUPERIOR	AZ	85173		NO WATER USE
55	581594	JOHN H DALTON SR	EXEMPT		D01012013AAB	492592.3	3690063 PO BOX 602			MIAMI	AZ	85539		
55	580206	LANCE DMYTROW	EXEMPT		D01013014DAC	499449.8	3689049 3588 E HOPKINS RD			GILBERT	AZ	85295		DOMESTIC
55	575749	DOUGLAS J EVANS	EXEMPT		D01013014DAC	499449.8	3689049 6669 S SINAGUA CT			GOLD CANYON	AZ	85119		DOMESTIC
55	575547	TREJO OIL COMPANY	ENV - MONITOR	Y	D02012003AAD	490906.6	3683432 7227 EAST BASELINE RD STE # 109			MESA	AZ	85209	0000	TEST
55	575548	TREJO OIL COMPANY	ENV - MONITOR	Y	D02012003AAD	490906.6	3683432 7227 EAST BASELINE RD STE # 109			MESA	AZ	85209	0000	MONITORING
55	575549	TREJO OIL COMPANY	ENV - MONITOR	Y	D02012003ACB	490306.6	3683236 7227 EAST BASELINE RD STE # 109			MESA	AZ	85209	0000	TEST
55	600935	TONTO NATL FOREST,	EXEMPT		D01012016DB0	487461.3	3689163 2324 E McDowell RD			PHOENIX	AZ	85006		STOCK
55	599453	RESOLUTION COPPER MINING LLC	SPCL - MINERAL EXPLORATION		D01013032DCA	494428	3684027 ATT: DAN MEAD		PO BOX 1944	SUPERIOR	AZ	85173		
55	600804	TONTO NATL FOREST,	EXEMPT		D01013031DB0	493157	3684330 2324 E McDowell RD			PHOENIX	AZ	85006		STOCK
55	600811	TONTO NATL FOREST,	EXEMPT		D02013019DC0	494892.6	3677622 2324 E McDowell RD			PHOENIX	AZ	85006		STOCK
55	600813	TONTO NATL FOREST,	EXEMPT		D01013007DD0	493269.6	3690396 2324 E McDowell RD			PHOENIX	AZ	85006		STOCK
55	599712	KAREN L WILSON	EXEMPT		D01013013BAD	500464.7	3689852 1506 162ND AVE			SAN LEANDRO	CA	94578		DOMESTIC
55	597972	RESOLUTION COPPER MINING LLC	SPCL - MINERAL EXPLORATION		D02013006BBA	494420.8	3683632 ATT: DAN MEAD		PO BOX 1944	SUPERIOR	AZ	85173		NO WATER USE
55	590392	TREJO OIL COMPANY	ENV - MONITOR	Y	D02012003ACB	490306.6	3683236 7227 EAST BASELINE RD , STE #109			MESA	AZ	85209		TEST
55	590833	RESOLUTION COPPER MINING LLC	SPCL - MINERAL EXPLORATION		D01013032DBD	494426.3	3684228 ATT: DAN MEAD		PO BOX 1944	SUPERIOR	AZ	85173		NO WATER USE
55	591860	BHP BILLITON	ENV - MONITOR		D01012034ADD	489566.5	3684643 P O BOX 37			SUPERIOR				

PROGRAM	REGISTRY_I	OWNER_NAME	WELLTYPE	WELL_CANCE	CADASTRAL	UTM_X_METE	UTM_Y_METE	ADDRESS1	ADDRESS2	CITY	STATE	ZIP	ZIP4	WATER_USE
55	609680	INTEGRITY LAND AND CATTLE, LLC	EXEMPT		D01013023CCB	498246.3	3687261	102 MAGMA HEIGHTS		SUPERIOR	AZ	85273		STOCK
55	609681	INTEGRITY LAND AND CATTLE, LLC	EXEMPT		D01013022DAA	498046.7	3687665	102 MAGMA HEIGHTS		SUPERIOR	AZ	85273		STOCK
55	609682	INTEGRITY LAND AND CATTLE, LLC	EXEMPT		D01013021ABC	495837.5	3688259	102 MAGMA HEIGHTS		SUPERIOR	AZ	85273		STOCK
55	609683	INTEGRITY LAND AND CATTLE, LLC	EXEMPT		D01013017BBD	493624.2	3689884	102 MAGMA HEIGHTS		SUPERIOR	AZ	85273		STOCK
55	609684	INTEGRITY LAND AND CATTLE, LLC	EXEMPT		D01013014DBD	499249.1	3689053	102 MAGMA HEIGHTS		SUPERIOR	AZ	85273		DOMESTIC, STOCK
55	609685	INTEGRITY LAND AND CATTLE, LLC	EXEMPT		D01013014DBD	499249.1	3689053	102 MAGMA HEIGHTS		SUPERIOR	AZ	85273		DOMESTIC, STOCK
55	609686	INTEGRITY LAND AND CATTLE, LLC	EXEMPT		D01013014DCA	499250	3688850	102 MAGMA HEIGHTS		SUPERIOR	AZ	85273		DOMESTIC, STOCK
55	609687	INTEGRITY LAND AND CATTLE, LLC	EXEMPT		D01013014DCA	499250	3688850	102 MAGMA HEIGHTS		SUPERIOR	AZ	85273		DOMESTIC, STOCK
55	609688	INTEGRITY LAND AND CATTLE, LLC	EXEMPT		D01013011DBD	499252.7	3690679	102 MAGMA HEIGHTS		SUPERIOR	AZ	85273		STOCK
55	609689	INTEGRITY LAND AND CATTLE, LLC	EXEMPT		D01013007DDC	493240.3	3690295	102 MAGMA HEIGHTS		SUPERIOR	AZ	85273		STOCK
55	609692	INTEGRITY LAND AND CATTLE, LLC	EXEMPT		D01013024DAD	501280.9	3687423	102 MAGMA HEIGHTS		SUPERIOR	AZ	85273		STOCK
55	609852	GILBERT PAEZ	NON-EXEMPT		D01013014DAD	499650.6	3689046	52744 E. HWY 60 SP-33		MIAMI	AZ	85539		IRRIGATION, DOMESTIC, STOCK
55	609853	LANCE DMYTROW	NON-EXEMPT		D01013014DAC	499449.8	3689049	3588 E HOPKINS RD		GILBERT	AZ	85295		IRRIGATION, STOCK
55	609854	SKOUSEN, BASIL,	NON-EXEMPT		D01013013BDA	500465	3689648	RT 1 BOX 734-2		MIAMI	AZ	85539		IRRIGATION, STOCK
55	609855	ZOBEL, DON,W	NON-EXEMPT		D01013013CBD	500057.1	3689042	RT 1 BOX 736		MIAMI	AZ	85539		IRRIGATION, STOCK
55	609856	ROBERTA CLARY OAKDALE PROPERTIES LTD	NON-EXEMPT		D01013014DAD	499650.6	3689046	PO BOX 2513		GLOBE	AZ	85502		IRRIGATION, STOCK, DOMESTIC
55	609857	SHOUSEN, BASIL,	NON-EXEMPT		D01013014DAA	499649.9	3689250	RT 1 BOX 734-2		MIAMI	AZ	85539		IRRIGATION, STOCK, DOMESTIC
55	602821	HARRY E. SMITH AND HELEN E. SMITH, TRUSTEES	NON-EXEMPT		D02012010BA0	490010.2	3681948	TRUST DATED JANUARY 6, 2010	226 SMITH DRIVE	SUPERIOR	AZ	85273		IRRIGATION, STOCK, DOMESTIC
55	602822	SMITH,F S	EXEMPT		D02012003CDO	490011	3682347	PO BOX 146		SUPERIOR	AZ	85173		STOCK
55	602156		EXEMPT		D01013014DAA	499649.9	3689250							STOCK, DOMESTIC, IRRIGATION
55	602157	JAMILYN K KNOUREK	EXEMPT		D01013013CBB	499851.7	3689248	DAVID BRENEMAN	52151 E US 60 LOT B	MIAMI	AZ	85539		STOCK, DOMESTIC, IRRIGATION
55	606678	JOSEPHINE J SAWAIA	EXEMPT		D02012003ADD	490910.2	3683037	4810 MILLER RD		SCOTTSDALE	AZ	85251		
55	602399	MITCHELL MARKHAM MICHAELS	EXEMPT	Y	D01013014DAD	499650.6	3689046	51345 N APPLE VALLEY		MIAMI	AZ	85539		DOMESTIC
55	621753	BRYANT,P T	EXEMPT		D02012003000	490204.8	3682939	843 SPRAY ST		SUPERIOR	AZ	85173		
55	624605	BOYCE THOMPSON SW AR,	NON-EXEMPT		D02012007ABA	485722.4	3682049	PO BOX AB		SUPERIOR	AZ	85173		INDUSTRIAL, DOMESTIC
55	624610	RESOLUTION COPPER MINING LLC	EXEMPT		D02012011CBB	491126.2	3681247	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		STOCK
55	621501	VAUGHAN,B G	NON-EXEMPT		D01012035000	490475.9	3684535	PO BOX 452		SUPERIOR	AZ	85173		STOCK
55	618724	BOYCE THOMPSON SW ARBORETUM	EXEMPT		D02012005CBD	486496	3682649	37615 E ARBORETUM WAY		SUPERIOR	AZ	85173		DOMESTIC
55	614055	AZ STATE LAND DEPT,	EXEMPT		D02013002BBD	500423.1	3683464	1616 W ADAMS		PHOENIX	AZ	85007		
55	613780	PADILLA,O R	NON-EXEMPT		D02012003DBC	490312.8	3682643	955 WESTERN		SUPERIOR	AZ	85173		DOMESTIC
55	615241	AZ STATE LAND DEPT,	EXEMPT		D02013004BBD	497229.7	3683452	1616 W ADAMS		PHOENIX	AZ	85007		STOCK, DOMESTIC
55	615242	AZ STATE LAND DEPT,	EXEMPT		D02013005ADC	496625.1	3683083	1616 W ADAMS		PHOENIX	AZ	85007		
55	615243	AZ STATE LAND DEPT,	EXEMPT		D02013005CCB	495409.9	3682529	1616 W ADAMS		PHOENIX	AZ	85007		
55	615244	AZ STATE LAND DEPT,	EXEMPT		D02013008ACB	496220.7	3681749	1616 W ADAMS		PHOENIX	AZ	85007		STOCK
55	615245	AZ STATE LAND DEPT,	EXEMPT		D02013008BAB	495815.8	3682152	1616 W ADAMS		PHOENIX	AZ	85007		
55	615246	AZ STATE LAND DEPT,	EXEMPT		D02013009ABD	498028.3	3681953	1616 W ADAMS		PHOENIX	AZ	85007		STOCK
55	615247	AZ STATE LAND DEPT,	EXEMPT		D02013009BBC	497029.8	3681953	1616 W ADAMS		PHOENIX	AZ	85007		
55	615251	AZ STATE LAND DEPT,	EXEMPT		D02013016AAB	498229.7	3680540	1616 W ADAMS		PHOENIX	AZ	85007		
55	634020	LITTLE, HAYES,	EXEMPT		D01013014DAO	499548.5	3689557	RT 1 BOX 742		MIAMI	AZ	85539		DOMESTIC
55	636294	ZAVALA,S V	EXEMPT		D02012003000	490204.8	3682939	131 N MATLOCK		MESA	AZ	85203		DOMESTIC
55	634028	TAMERON,F O	EXEMPT		D02012003000	490204.8	3682939	PO BOX 118		SUPERIOR	AZ	85173		
55	635958	LUCKE J & JOY EVELAND	EXEMPT		D02012003AAD	490906.6	3683432	212 WIGHT STREET		SUPERIOR	AZ	85173		DOMESTIC
55	635628	ARIZONA STATE PARKS	EXEMPT		D02012006D00	485816.4	3682550	1300 W WASHINGTON		WATER MGT PROGRAM	PHOENIX	85007		IRRIGATION, STOCK, DOMESTIC
55	635629	ARIZONA STATE PARKS	EXEMPT		D02012006D00	485816.4	3682550	1300 W WASHINGTON		WATER MGT PROGRAM	PHOENIX	85007		IRRIGATION, STOCK, DOMESTIC
55	635650	MENDOZA,H M	EXEMPT		D02012003A00	490605	3683335	312 KISER ST		SUPERIOR	AZ	85173		DOMESTIC
55	633771	ALLY O. HING MAGMA COPPER CO.	EXEMPT		D02012004000	488591.3	3682945	PO BOX A		SUPERIOR	AZ	85173		DOMESTIC
55	635758	BRUCE MEDBURY	EXEMPT		D02012006DAA	486104.1	3682850	38496 E. ARBORETUM WAY		SUPERIOR	AZ	85173		DOMESTIC
55	634259	LIRA JR,H B	EXEMPT		D02012003000	490204.8	3682939	696 WESTERN AVE		SUPERIOR	AZ	85173		DOMESTIC
55	635005	RAY,W R	EXEMPT		D01013014DAB	499449	3689253	PO BOX 840		CLAYPOOL	AZ	85532		IRRIGATION, DOMESTIC
55	635006	RAY,W R	EXEMPT		D01013014DAB	499449	3689253	PO BOX 840		CLAYPOOL	AZ	85532		IRRIGATION, DOMESTIC
55	635076	GAIL FLOREZ	EXEMPT		D02012003CDB	489908.7	3682446	227 SUNSET DR		SUPERIOR	AZ	85173		IRRIGATION
55	633593	PETER & TINA CASILLAS	EXEMPT		D01012035DBC	490580.6	3684234	299 N. LOBB AVE		SUPERIOR	AZ	85173		IRRIGATION, DOMESTIC
55	643157	LITTLE, HAYES,	EXEMPT		D01013014DAO	499550.1	3689150	RT 1						

PROGRAM	REGISTRY_I	OWNER_NAME	WELLTYPE	WELL_CANCE	CADASTRAL	UTM_X_METE	UTM_Y_METE	ADDRESS1	ADDRESS2	CITY	STATE	ZIP	ZIP4	WATER_USE
55	650993	GUERRA,G E	EXEMPT		D01012035DC0	490684.4	3683932	518 LIME ST		SUPERIOR	AZ	85173		IRRIGATION
55	910698	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D01012035CBA	489972.4	3684439	ATTN: CASEY MCKEON	102 MAGMA HEIGHTS RD	SUPERIOR	AZ	85273		MONITORING
55	910699	RESOLUTIN COPPER MINING LLC	ENV - MONITOR		D01012035BDD	490375	3684637	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	906360	RESOLUTION COPPER MINING LLC	ENV - MONITOR	Y	D020120038AA	490101.4	3683634	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	911875	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D02013005CBA	495611.8	3682897	PO BOX 1944		SUPERIOR	AZ	85273		MONITORING
55	907274	CARLOTA COPPER COMPANY	ENV - MONITOR		D01013012CAB	500267.9	3690867	1306 LIVE OAK ST.		MIAMI	AZ	85539		MONITORING
55	909919	OMYA ARIZONA INC.	SPCL - MINERAL EXPLORATION		D01012024000	492082.1	3687741	6 NORTH MESQUITE ROAD		SUPERIOR	AZ	85173		NO WATER USE
55	909920	OMYA ARIZONA INC.	SPCL - MINERAL EXPLORATION		D01013017000	494126.7	3689373	6 NORTH MESQUITE ROAD		SUPERIOR	AZ	85173		NO WATER USE
55	909921	OMYA ARIZONA INC.	SPCL - MINERAL EXPLORATION		D01013018000	493108.6	3689393	6 NORTH MESQUITE ROAD		SUPERIOR	AZ	85173		NO WATER USE
55	909922	OMYA ARIZONA INC.	SPCL - MINERAL EXPLORATION		D01013019000	493112.4	3687765	6 NORTH MESQUITE ROAD		SUPERIOR	AZ	85173		NO WATER USE
55	912102	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D02013006DDB	495103.5	3682529	ATTN: DAN MEAD	PO BOX 1944	SUPERIOR	AZ	85173		MONITORING
55	911938	RESOLUTION COPPER MINING LLC	SPCL - MINERAL EXPLORATION	N	D02013005BBB	495407.4	3683633	ATTN: DAN MEAD	PO BOX 1944	SUPERIOR	AZ	85173		OTHER - MINERAL EXPLORE
55	911951	RESOLUTION COPPER MINING LLC	SPCL - MINERAL EXPLORATION		D01013032CAB	493816.3	3684430	PO BOX 1944		SUPERIOR	AZ	85273		OTHER - MINERAL EXPLORE
55	911954	RESOLUTION COPPOER MINING LLC	ENV - MONITOR		D02013005CBA	495611.8	3682897	P.O. BOX 1944		SUPERIOR	AZ	85173		MONITORING
55	910437	RESOLUTION COPPER MINING LLC.	ENV - MONITOR		D01012035BCD	489970.9	3684640	PO BOX 1944		SUPERIOR	AZ	85173		MONITORING
55	907034	RESOLUTION COPPER COMPANY	ENV - MONITOR		D01012035ADD	491183.1	3684630	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	907035	RESOLUTION COPPER COMPANY	ENV - MONITOR		D01012035DAB	490983.1	3684432	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	907036	RESOLUTION COPPER COMPANY	ENV - MONITOR		D01012035CBA	489972.4	3684439	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	907037	RESOLUTION COPPER COMPANY	ENV - MONITOR		D02012004ADD	489297.6	3683041	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	907478	OMYA ARIZONA INC.	SPCL - MINERAL EXPLORATION	Y	D01013017000	494126.7	3689373	P.O. BOX 188 / 6 NORTH MESQUITE RD		SUPERIOR	AZ	85173		NO WATER USE
55	911688	RESOLUTION COPPER MINING, LLC	ENV - MONITOR		D02013008CCC	495410.9	3680730	P.O. BOX 1944		SUPERIOR	AZ	85273		MONITORING
55	907946	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D02013008CBB	495410.7	3681339	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	907947	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D02013008AAA	496828.8	3682155	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	908019	DON ZOBEL	EXEMPT		D01013013CBD	500057.1	3689042	51025 N. DACITE		MIAMI	AZ	85539		DOMESTIC
55	907155	RESOLUTION COPPER MINING LIMITED	ENV - MONITOR	Y	D02012003BBA	489699.4	3683636	102 MAGMA HEIGHTS RD	ATTN: ERIC CASTLEBERRY	SUPERIOR	AZ	85273		MONITORING
55	906296	RESOLUTION COPPER MINING, LLC	SPCL - GEOTECHNICAL		D02012003000	490204.8	3682939	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		NO WATER USE
55	906297	RESOLUTION COPPER MINING, LLC	SPCL - GEOTECHNICAL		D01012035000	490475.9	3684535	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		NO WATER USE
55	906298	RESOLUTION COPPER MINING, LLC	ENV - MONITOR		D01012035CDC	490179.4	3683834	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	906299	RESOLUTION COPPER MINING, LLC	ENV - MONITOR		D02012003BAA	490101.4	3683634	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	906300	RESOLUTION COPPER MINING, LLC	ENV - MONITOR	Y	D02012003BAA	490101.4	3683634	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	906301	RESOLUTION COPPER MINING, LLC	ENV - MONITOR		D02012003BAC	489901.8	3683435	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	906302	RESOLUTION COPPER MINING, LLC	ENV - MONITOR		D02012003BAB	489900.3	3683635	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	906303	RESOLUTION COPPER MINING, LLC	ENV - MONITOR	Y	D01012035CCD	489977.1	3683836	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	901423	ROBERT L. JOHNSTON	EXEMPT		D01013013DBC	500670.2	3689036	11618 E SAN TAN CT		CHANDLER	AZ	85249		DOMESTIC
55	920494	OMYA INC.	ENV - MONITOR	Y	D02012004ABC	488694.4	3683441	9987 CARVER ROAD, SUITE 300		CINCINNATI	OH	45242		MONITORING
55	920093	BRONCO CREEK EXPLORATION INC.	SPCL - MINERAL EXPLORATION		D01012013000	492085.8	3689355	1815 E. WINSETT STREET		TUCSON	AZ	85719		NO WATER USE
55	922289	RESOLUTION COPPER MINING LLC	SPCL - GEOTECHNICAL		D01013032000	494119.6	3684530	P.O. BOX 1944		SUPERIOR	AZ	85173		NO WATER USE
55	922290	RESOLUTION COPPER MINING LLC	SPCL - GEOTECHNICAL		D01013032000	494119.6	3684530	P.O. BOX 1944		SUPERIOR	AZ	85173		NO WATER USE
55	922719	RESOLUTION COPPER MINING LLC	SPCL - GEOTECHNICAL		D02013006ABC	494829.1	3683449	P.O. BOX 1944		SUPERIOR	AZ	85173		NO WATER USE
55	922721	RESOLUTION COPPER MINING LLC	SPCL - GEOTECHNICAL		D02013006ADB	495102.4	3683265	P.O. BOX 1944		SUPERIOR	AZ	85173		NO WATER USE
55	922317	RESOLUTION COPPER MINING	ENV - MONITOR		D01012035ADC	490981.2	3684632	PO BOX 1944		SUPERIOR	AZ	85173		MONITORING
55	920140	CIRCLE K STORES, INC	ENV - MONITOR	Y	D02012003ACB	490306.6	3683236	1130 W. WARNER RD.		TEMPE	AZ	85284		MONITORING
55	920153	RESOLUTION COPPER	ENV - MONITOR		D01012028AAB	487761.7	3686849	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	920154	RESOLUTION COPPER	ENV - MONITOR		D01012028CAB	486939.7	3686047	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	920155	RESOLUTION COPPER	ENV - MONITOR		D01012033CAA	487143	3684445	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	921023	TREJO INVESTMENTS, LLP	ENV - MONITOR	Y	D02012003ACB	490306.6	3683236	PO BOX 6118		MESA	AZ	85216		MONITORING
55	921024	TREJO INVESTMENTS, LLP	ENV - MONITOR		D02012003ACB	490306.6	3683236	PO BOX 6118		MESA	AZ	85216		MONITORING
55	921025	TREJO INVESTMENTS, LLP	ENV - MONITOR	Y	D02012003ACB	490306.6	3683236	PO BOX 6118		MESA	AZ	85216		MONITORING
55	921026	TREJO INVESTMENTS, LLP	ENV - MONITOR		D02012003ACB	490306.6	3683236	PO BOX 6118		MESA	AZ	85216		MONITORING
55	920209	CIRCLE K STORES, INC	ENV - MONITOR	Y	D02012003ACB	490306.6	3683236	1130 W. WARNER RD.		TEMPE	AZ	85284		MONITORING
55	920682	RESOLUTION COPPER MINING LLC.	SPCL - MINERAL EXPLORATION		D01013032000	494119.6	3684530	PO BOX 1944						

PROGRAM	REGISTRY_I	OWNER_NAME	WELLTYPE	WELL_CANCE	CADASTRAL	UTM_X_METE	UTM_Y_METE	ADDRESS1	ADDRESS2	CITY	STATE	ZIP	ZIP4	WATER_USE
55	923020	TOWN OF SUPERIOR	ENV - MONITOR		D02012003ACB	490306.6	3683236	PO BOX 218		SUPERIOR	AZ	85173		MONITORING
55	925951	TREJO INVESTMENTS, LLP	ENV - MONITOR		D02012003ACB	490306.6	3683236	PO BOX 6118		MESA	AZ	85216		MONITORING
55	923488	RESOLUTION COPPER MINING LLC	SPCL - GEOTECHNICAL		D01013032000	494119.6	3684530	PO BOX 1944		SUPERIOR	AZ	85173		NO WATER USE
55	923967	RESOLUTION COPPER MINING LLC	SPCL - GEOTECHNICAL		D01013032000	494119.6	3684530	PO BOX 1944		SUPERIOR	AZ	85173		NO WATER USE
55	922645	RESOLUTION COPPER MINING LLC	SPCL - GEOTECHNICAL		D01013032000	494119.6	3684530	P.O. BOX 1944		SUPERIOR	AZ	85173		NO WATER USE
55	920493	OMYA INC.	ENV - MONITOR		D02012004ABD	488895.4	3683440	9987 CARVER ROAD, SUITE 300		CINCINNATI	OH	45242		MONITORING
55	912873	RESOLUTION COPPER MINING, LLC	SPCL - MINERAL EXPLORATION	N	D02013006BAC	494556	3683449	ATTN: DAN MEAD	PO BOX 1944	SUPERIOR	AZ	85173		NO WATER USE
55	913292	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D01013027CBD	496836.8	3685836	ATTN: DAN MEAD	PO BOX 1944	SUPERIOR	AZ	85173		MONITORING
55	913308	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D02013003BBA	498833.5	3683639	P.O. BOX 1944		SUPERIOR	AZ	85173		MONITORING
55	919205	RESOLUTION COPPER MINING	ENV - PIEZOMETER		D01012034BDA	488756.2	3684845	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	919207	RESOLUTION COPPER MINING	ENV - PIEZOMETER		D01012034BDA	488756.2	3684845	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	919208	RESOLUTION COPPER MNING	ENV - PIEZOMETER		D01012034BDA	488756.2	3684845	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	919209	RESOLUTION COPPER MINING	ENV - PIEZOMETER		D01012034BDA	488756.2	3684845	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	912420	RESOLUTION COPPER	ENV - MONITOR		D01012034DBC	488962.3	3684243	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	915069	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D02012003B8A	489900.3	3683635	102 MAGMA HEIGHTS		SUPERIOR	AZ	85273		MONITORING
55	918273	RESOLUTION COPPER MINING	ENV - MONITOR		D02012003AAB	490704.4	3683631	102 MAGMA HEIGHTS P.O. BOX 1944		SUPERIOR	AZ	85012		MONITORING
55	912917	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D01013021CBC	495030.2	3687445	ATTN: DAN MEAD	PO BOX 1944	SUPERIOR	AZ	85173		MONITORING
55	913342	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D02013004DBA	498030	3682900	P.O. BOX 1944		SUPERIOR	AZ	85173		MONITORING
55	916450	RIO TINTO	SPCL - MINERAL EXPLORATION		D02013006000	494758.7	3682988	102 MAGMA HEIGHTS ROAD		SUPERIOR	AZ	85173		NO WATER USE
55	916451	RESOLUTION COPPER MINING LLC	SPCL - MINERAL EXPLORATION	N	D02013006ADD	495239.3	3683081	P.O. BOX 1944		SUPERIOR	AZ	85173		NO WATER USE
55	918307	RESOLUTION COPPER MINING, LLC	SPCL - MINERAL EXPLORATION		D01013033CCD	495236.6	3683826	ATTN: DAN MEAD	PO BOX 1944	SUPERIOR	AZ	85173		NO WATER USE
55	912484	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D01012035AAC	490977.3	3685033	ATTN: DAN MEAD	PO BOX 1944	SUPERIOR	AZ	85173		MONITORING
55	912941	RESOLUTION COPPER MINING	ENV - MONITOR		D01012035AAC	490977.3	3685033	P.O. BOX 1944		SUPERIOR	AZ	85173		MONITORING
55	912952	RESOLUTION COPPER MINING, LLC	SPCL - MINERAL EXPLORATION	N	D02013006ACC	494828.3	3683081	ATTN: DAN MEAD	PO BOX 1944	SUPERIOR	AZ	85173		NO WATER USE
55	912953	RESOLUTION COPPER MINING LLC	SPCL - MINERAL EXPLORATION		D02013006BCD	494416.8	3683082	ATTN: DAN MEAD	PO BOX 1944	SUPERIOR	AZ	85173		NO WATER USE
55	912967	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D02013007B8A	494546.8	3682155	P.O. BOX 1944		SUPERIOR	AZ	85173		MONITORING
55	918829	DESERT STAR RESOURCES	SPCL - MINERAL EXPLORATION		D01012013000	492085.8	3689355	717-1030 WEST GEORGIA STREET		VANCOUVER	BC	V6E2Y		NO WATER USE
55	912993	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D01013022ACC	497444.3	3687864	P.O. BOX 1944		SUPERIOR	AZ	85173		MONITORING
55	913427	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D01013026DC	499055.7	3685444	P.O. BOX 1944		SUPERIOR	AZ	85173		MONITORING
55	914789	RESOLUTION COPPER MINING	ENV - MONITOR		D02013008AAA	496828.8	3682155	P.O. BOX 1944		RESOLUTION	AZ	85173		TEST
55	912601	RESOLUTION COPPER	ENV - MONITOR		D01013021CBC	495030.2	3687445	P.O. BOX 1944		SUPERIOR	AZ	85173		MONITORING
55	913050	RESOLUTION COPPER	ENV - MONITOR		D02013005CCA	495612.5	3682529	PO BOX 1944		SUPERIOR	AZ	85173		MONITORING
55	913051	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D02013005CBD	495612.1	3682713	ATTN: DAN MEAD	PO BOX 1944	SUPERIOR	AZ	85173		MONITORING
55	913052	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D02013005CAC	495814.8	3682714	ATTN: DAN MEAD	PO BOX 1944	SUPERIOR	AZ	85173		MONITORING
55	913053	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D02013005CAC	495814.8	3682714	ATTN: DAN MEAD	PO BOX 1944	SUPERIOR	AZ	85173		MONITORING
55	914372	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D01012035DBA	490781	3684433	102 MAGMA HEIGHTS		SUPERIOR	AZ	85273		MONITORING
55	914373	RESOLUTION COPPER MINING, LLC	ENV - MONITOR		D01012035DBC	490580.6	3684234	102 MAGMA HEIGHTS		SUPERIOR	AZ	85273		MONITORING
55	914374	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D01012035DBA	490781	3684433	102 MAGMA HEIGHTS		SUPERIOR	AZ	85273		MONITORING
55	914790	RESOLUTION COPPER MINING	ENV - MONITOR		D01013027CBD	496836.8	3685836	P.O. BOX 1944		RESOLUTION	AZ	85173		TEST
55	917046	RESOLUTION COPPER MINING, LLC	SPCL - MINERAL EXPLORATION		D02013006DCD	494965.3	3682346	ATTN: DAN MEAD	PO BOX 1944	SUPERIOR	AZ	85173		NO WATER USE
55	912625	RESOLUTION COPPER MINING LLC	SPCL - MINERAL EXPLORATION		D01013032BAC	493811.6	3685033	ATTN: DAN MEAD	PO BOX 1944	SUPERIOR	AZ	85273		NO WATER USE
55	913073	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D01013026CCC	498254.9	3685447	P.O. BOX 1944		SUPERIOR	AZ	85173		MONITORING
55	914375	RESOLUTION COPPER MINING LLC	ENV - MONITOR		D01012035BBC	489765.8	3685044	102 MAGMA HEIGHTS		SUPERIOR	AZ	85273		MONITORING
55	912634	RESOLUTION COPPER MINING LLC	SPCL - MINERAL EXPLORATION		D01013032AAC	494621.8	3685032	ATTN: DAN MEAD	PO BOX 1944	SUPERIOR	AZ	85173		OTHER - MINERAL EXPLORE
55	914002	FREEPORT MCMORAN COPPER & GOLD-SUPERIOR	SPCL - MINERAL EXPLORATION		D01012032000	485628.5	3684542	10861 N MAVINEE DR SUITE 141		ORO VALLEY	AZ	85737		NO WATER USE
55	914003	FREEPORT MCMORAN COPPER & GOLD - SUPERIOR	SPCL - MINERAL EXPLORATION		D01012033000	487243.5	3684545	10861 N MAVINEE DR SUITE 141		ORO VALLEY	AZ	85737		NO WATER USE
55	916688	RESOLUTION COPPER MINING	ENV - MONITOR		D02013005CCB	495409.9	3682529	PO BOX 1944		SUPERIOR	AZ	85273		MONITORING
55	916689	RESOLUTION COPPER MINING	ENV - MONITOR		D02013005ACC	496219.6	3683083	PO BOX 1944		SUPERIOR	AZ	85273		MONITORING
55	919039	RESOLUTION COPPER MINING	ENV - MONITOR		D02012008DBA	487313.8	3681235	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	919041	RESOLUTION COPPER MINING	ENV - MONITOR		D02012009AAB	489098	3682050	102 MAGMA HEIGHTS		SUPERIOR	AZ	85173		MONITORING
55	912289	RESOLUTION	ENV - MONITOR		D01012026ACC	490570.2	3686238	PO BOX 1944		SUPERIOR	AZ	85173		MONITORING
55	912725	RESOLUTION COPPER MINING LLC	ENV - MONITOR	N	D02012002									