CHINO BASIN Water Conservation District

CHINO BASIN WATER CONSERVATION DISTRICT
REGULAR BOARD MEETING AGENDA

MONDAY, DECEMBER 11, 2023, AT 2:00 P.M.

BOARD ROOM
4594 SAN BERNARDINO STREET
MONTCLAIR, CA 91763

OUR MISSION

Protecting and replenishing our regional groundwater supply since 1949.

BOARD OF DIRECTORS

Mark Ligtenberg, President
Kati Parker, Vice President
Gil Aldaco, Treasurer
Teri Layton, Director
Amanda Coker, Director
Hanif Gulmahamad, Director
Ryan Sonnenberg, Director

GENERAL MANAGER
Elizabeth Willis

LEGAL COUNSEL
Lee McElhaney

NOTICES

PUBLIC COMMENTS: Those interested in participating during the Public Comment period or public testimony period for Public Hearings of the Board meetings, may do so in person the day of the meeting, or by contacting the Administrative Services Manager via email at afernandez@cbwcd.org at least two hours prior to the start of the meeting. Speakers will be required to sign in and each person's name will be called in the order received.

AMERICANS WITH DISABILITIES ACT: The Chino Basin Water Conservation District complies with the Americans with Disabilities Act and amendments thereto. If you require special assistance to participate in this meeting or if you desire a copy of the Agenda in an alternate format, please contact the District office at (909) 626-2711 at least 72 hours prior to the advertised starting time of the meeting.

AGENDA MATERALS: The agenda and/or agenda packet are available for public inspection at District's website at: https://cbwcd.org/agendas/

INVOCATION

CALL TO ORDER AND FLAG SALUTE

ROLL CALL

ADDITIONS OR CHANGES TO THE AGENDA

In accordance with Section 54954.2 of the Government Code (Brown Act), a two-thirds vote (or unanimous vote if less than two-thirds are present), is required to add an item for action, provided that there is a need to take immediate action and that the need for action came to the attention of the agency after the agenda was posted**.**

PRESENTATIONS

1. CHINO BASIN WATER CONSERVATION DISTRICT TIME CAPSULE EVENT

PUBLIC COMMUNICATIONS

This is the time and place for the general public to address the Board of Directors. Due to Brown Act requirements, action will not be taken on any issues not on the Agenda; however, the Board of Directors may refer comments and concerns to staff or request the item be placed on a future agenda. In accordance with District Resolution No. 2020-05: Decorum During Public Meetings, each speaker shall be allotted five (5) minutes of time to address the Board.

CONSENT CALENDAR

At this time, members of the public may present testimony as to why an item should be removed from the Consent Calendar for separate discussion. Unless a member of the public or a Director request that an item be removed from the Consent Calendar, all items will be acted upon as a whole and approved in a single motion and vote. Items removed from the Consent Calendar will be acted upon separately.

2. APPROVE MEETING MINUTES: REGULAR BOARD MEETING OF NOVEMBER 13, 2023

Recommendation: It is recommended that the Board of Directors approve said minutes as is.

3. APPROVE AB 1234 DIRECTOR TRAVEL, TRAINING, AND MEETING REPORT

Recommendation: It is recommended that the Board of Directors approve the Director Travel, Training, and Meeting Report, reflecting business-related expenses incurred by the District.

4. APPROVE AB 1234 DIRECTOR COMPENSATION & REIMBURSEMENT REPORT

Recommendation: It is recommended that the Board of Directors approve the Director Compensation and Reimbursement Report.

5. FINANCIAL REPORTS FOR OCTOBER 2023

Recommendation: It is recommended that the Board of Directors approve the financial reports.

6. APPROVE FISCAL YEAR 23-24 1ST QUARTER (Q1) FINANCIAL REPORT

Recommendation: It is recommended that the Board of Directors approve the FY 23-24 Q1 Financial Report.

DISCUSSION ITEMS

7. BRIEFING ON THE PROPOSED 2018 CONFLUENCE REGIONAL WATER RESOURCE PROJECT

Recommendation: It is recommended that the Board of Directors receive and file the briefing on the proposed 2018 Confluence Regional Water Resource Project and provide feedback to staff.

8. AWARD CONTRACT TO EVERFENCE CORPORATION FOR THE BROOKS BASIN FENCING PROJECT, PHASE 1 (CIP NO. 2023-1)

Recommendation: It is recommended that the Board of Directors 1) review, discuss and consider the results of the Brooks Basin Fencing Project, Phase 1 bidding process; 2) award the bid to EverFence Corporation; 3) approve a budget modification to appropriate $298,710.00 to Account No. 58000: Capital Projects.

9. ADOPT RESOLUTION NO. 2023-09 APPROVING THE PROPOSED FACILITY USE POLICY AND USER FEES

Recommendation: It is recommended that the Board of Directors adopt Resolution No. 2023-09 approving the proposed Facility Use Policy in its entirety, which includes a proposed fee schedule for the use of the Waterwise Community Center property.

DIRECTOR ORAL REPORTS

This is the time and place for the Board of Directors to report on any items of interest. Upon request by an individual Director, the Board may choose to take action on any of the subject matters listed below.

- President Ligtenberg

- Vice President Parker
- Treasurer Aldaco
- Director Layton
- Director Coker
- Director Gulmahamad
- Director Sonnenberg

STAFF ORAL REPORTS

- General Manager/Secretary Report
- Legal Counsel Report

CLOSED SESSION

Legal Counsel shall provide a briefing on the item listed for Closed Session as follows:

10. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION
Government Code Section 54956.9(d)(1)
KAISER FOUNDATION HEALTH PLAN, INC., et al. vs. CHINO BASIN WATER CONSERVATION DISTRICT; and DOES 1 through 10, inclusive
San Bernardino Superior Court Case No.: CIVDS 1933655

ADJOURNMENT

The Board of Directors will adjourn to the next **Regular Board Meeting of the Chino Basin Water Conservation District on Monday, January 8, 2024, at 2:00 p.m.**

I, Jasmine Felix, Interim Board Clerk of the Chino Basin Water Conservation District, do hereby certify that a copy of this agenda has been posted on or before **Friday, December 08, 2023, by 2:00 p.m.**

Jasmine Felix
_____
Jasmine Felix, Interim Board Clerk

CHINO BASIN Water Conservation District

ITEM NO. 2

APPROVE MEETING MINUTES: REGULAR BOARD MEETING OF NOVEMBER 13, 2023

CHINO BASIN WATER CONSERVATION DISTRICT
REGULAR BOARD MEETING MINUTES

MONDAY, NOVEMBER 13, 2023, AT 2:00 P.M.

BOARD ROOM
4594 SAN BERNARDINO STREET
MONTCLAIR, CA 91763

BOARD OF DIRECTORS

Mark Ligtenberg, President
Kati Parker, Vice President
Gil Aldaco, Treasurer
Teri Layton, Director
Amanda Coker, Director
Hanif Gulmahamad, Director
Ryan Sonnenberg, Director

GENERAL MANAGER	LEGAL COUNSEL
Elizabeth Willis	Lee McElhaney

INVOCATION – *President Ligtenberg led the Board in the invocation.*

CALL TO ORDER AND FLAG SALUTE – *President Ligtenberg called the meeting to order at 2:04 p.m. and led the audience in the flag salute.*

ROLL CALL – *Board Members present were President Mark Ligtenberg, Vice President Kati Parker, Treasurer Gil Aldaco, Directors Teri Layton, Amanda Coker, Hanif Gulmahamad and Ryan Sonnenberg.*

General Counsel Leland McElhaney, Esq., General Manager Elizabeth Willis, Conservation Programs Manager Scott Kleinrock, Facilities Maintenance Manager Dave Schroeder, Community Programs Manager Maia Dean, Administrative Services Manager Alicia Fernandez, Interim Board Clerk Jasmine Felix, Community Programs Educators Billy Mercado, Azucena Quinones, Monica Curiel were present.

ADDITIONS OR CHANGES TO THE AGENDA

In accordance with Section 54954.2 of the Government Code (Brown Act), a two-thirds vote (or unanimous vote if less than two-thirds are present), is required to add an item for action, provided that there is a need to take immediate action and that the need for action came to the attention of the agency after the agenda was posted**.**

General Manager Elizabeth Willis confirmed there were no changes at the present time. Although Ms. Willis did note there was an amendment made to item 9 of the agenda before the Brown Act deadline of 72 hours. President Ligtenberg confirmed with all Board members they had received a copy of the amendment.

PRESENTATIONS

1. WATERWISE GARDEN & PUMPKIN FESTIVAL - MAIA DEAN, COMMUNITY PROGRAMS MANAGER

The presentation was received and filed.

2. FINAL REPORT ON THE NEW WEBSITE - SCOTT KLEINROCK, CONSERVATION PROGRAMS MANAGER

The presentation was received and filed.

PUBLIC COMMUNICATIONS

This is the time and place for the general public to address the Board of Directors. Due to Brown Act requirements, action will not be taken on any issues not on the Agenda; however, the Board of Directors may refer comments and concerns to staff or request the item be placed on a future agenda. In accordance with District Resolution No. 2020-05: Decorum During Public Meetings, each speaker shall be allotted five (5) minutes of time to address the Board.

President Ligtenberg opened the Public Comment period. The Interim Board Clerk stated no public communication was received.

CONSENT CALENDAR

At this time, members of the public may present testimony as to why an item should be removed from the Consent Calendar for separate discussion. Unless a member of the public or a Director request that an item be removed from the Consent Calendar, all items will be acted upon as a whole and approved in a single motion and vote. Items removed from the Consent Calendar will be acted upon separately.

A motion was made by Treasurer Aldaco, seconded by Director Layton, to approve Items No's. 3 -6; the motion was approved unanimously.

3. APPROVE MEETING MINUTES: REGULAR BOARD MEETING OF OCTOBER 9, 2023

Recommendation: It is recommended that the Board of Directors approve said minutes as is.

Approved unanimously.

4. FINANCIAL REPORTS FOR SEPTEMBER 2023

Recommendation: It is recommended that the Board of Directors approve the financial reports.

Approved unanimously.

5. APPROVE AB 1234 DIRECTOR TRAVEL, TRAINING, AND MEETING REPORT

Recommendation: It is recommended that the Board of Directors approve the Director Travel, Training, and Meeting Report, reflecting business-related expenses incurred by the District.

Approved unanimously.

6. APPROVE AB 1234 DIRECTOR COMPENSATION & REIMBURSEMENT REPORT

Recommendation: It is recommended that the Board of Directors approve Director Compensation and Reimbursement Report.

Approved unanimously.

DISCUSSION ITEMS

7. REPORT ON BOARD WORKSHOP RESEARCH RESULTS

Recommendation: It is recommended that the Board of Directors receive staff's updated information and provide direction to staff regarding the Board Workshop research results.

General Manager Willis began the presentation by providing an overview of Workshop purpose and outcome. She then called on Facilities Maintenance Manager Dave Schroeder to present his findings on new ways to increase infiltration into the Chino Groundwater Basin.

Director Gulmahamad inquired if Mr. Schroeder received any pushback from the Chino Basin Watermaster to which Mr. Schroeder responded that he has not yet reached out to them to discuss any future assistance on any project.

Separate to the subject, Mr. Schroeder provided a brief update on establishing a connection with the United Pacific Railroad (UPRR) on the previously proposed lease of 30 feet of railroad property adjoining the District's Brooks Basin property. Director Aldaco asked if during Mr. Schroeder's exchange with UPRR the wall was mentioned. Mr. Schroeder confirmed that all goals were expressed to UPRR and should receive a response early next year, however, the main objective was to establish communication.

General Manager Willis continued with the presentation and the proposal of bringing various options for increasing infiltration in the Chino Basin to the Recharge Committee for deliberation and possible recommendation to the full Board.

Conservation Programs Manager Scott Kleinrock was called to present on the proposition of a Waterwise Community Nursery. Directors Ligtenberg, Paker, Layton and Aldaco expressed their endorsement for the Nursery and suggested a business plan be drafted to outline profits, staffing needs, parking, point of sales, incentivizing Master Gardeners to participate, potential vendors, nursery location and size, and funding.

Community Programs Manager Maia Dean and Mr. Kleinrock collectively proceeded to present on the tracking of Walk-In Visitors. Ms. Dean shared historical numbers of all visitors, including walk-in visitors, to campus. Mr. Kleinrock recommended the installation of an infrared trail counter as a cost-effective solution to obtaining an estimate of foot traffic through the garden gate entrances. Directors Layton, Aldaco and Gulmahamad inquired about the tactical placement and the functionality of the device.Director Sonnenberg, Mr. Kleinrock and Ms. Willis remarked that the cost of the device was economically reasonable and the District should move forward with the purchase.

Ms. Willis continued with the next focus to increase visitors to campus by sharing a variety of playgrounds at different price points. Directors Aldaco and Gulmahamad asked about ADA compliance and limited parking. Ms. Willis responded that once a budget was approved, and a designer was chosen through an RFQ process, staff would collaborate with the designer to address their concerns.

Ms. Willis resumed the presentation and recounted the ways that the Waterwise Community Center has progressed in cultivating a positive work environment, including a focus on culture and staff development. Directors Parker, Layton, and Coker commended Ms. Willis and the staff for their achievements and provided suggestions on team building activities.

Lastly Ms. Willis presented her findings on the Board Focus.

Director Aldaco requested a copy of the report.

The report was constructively received and no action was taken by the Board.

8. APPROVE THE UPDATED BOARD CLERK JOB DESCRIPTION

Recommendation: It is recommended that the Board of Directors review, discuss and approve the updated job description for the Board Clerk position.

Administrative Services Manager Alicia Fernandez presented the updated job description.

A motion was made by Director Sonnenberg, seconded by Director Layton to approve the item as recommended by staff.

Director Gulmahamad inquired about the highlighted section in the Job Description. General Manager Willis clarified that upon review Administrative Services Manager Fernandez found the highlighted phrase to be pertinent to the job description.

Ms. Willis proposed the motion to be rephrased to move for approval with the additional language recommended by staff.

Director Sonnenberg amended his motion to include the additional language in job description. The motion was seconded by Director Layton and approved unanimously.

9. APPROVE POLICY NO. 62 – CALL-BACK PAY AND UPDATED JOB DESCRIPTION FOR THE FACILITIES AND BASINS TECHNICIAN

Recommendation: It is recommended that the Board of Directors review, discuss, and approve Policy No. 62 – Call-Back Pay and the updated job description for the Facilities and Basin Technician.

General Manager Willis presented Item 9 and stated that the change to the job description was a result of it being incompatible with California Labor Laws.

General Councilman Lee McElhaney proposed to modify the sentence beginning with "All hours worked", on page 70 under the Tracking Log section. He recommended to insert the word "up" and should read "All hours worked will be computed up to the nearest one-quarter (0.25) hour and entered into the employee's timecard accordingly." In addition, he advocated to include the subsequent sentence "Time will not be rounded down."

Treasurer Aldaco motioned to approve the proposed updated policy with the incorporation of Mr. McElhaney's comments; the motion was seconded by Director Sonnenberg.

The motion passed unanimously.

INFORMATIONAL ITEMS

10. FIRST QUARTER CORRESPONDENCE JULY – SEPTEMBER 2023

11. FIRST QUARTER METRICS FOR JULY – SEPTEMBER 2023

President Ligtenberg recommended informational items be read and reviewed at everyone's leisure.

DIRECTOR ORAL REPORTS

This is the time and place for the Board of Directors to report on any items of interest. Upon request by an individual Director, the Board may choose to take action on any of the subject matters listed below.

- President Ligtenberg - *Attended meetings as itemized in Item 5 – AB 1234 of the Agenda.*
- Vice President Parker – *Attended meetings as itemized in Item 5 – AB 1234 of the Agenda.*
- Treasurer Aldaco - *Attended meetings as itemized in Item 5 – AB 1234 of the Agenda. He praised staff on the Waterwise Garden & Pumpkin Festival.*
- Director Layton - *Attended meetings as itemized in Item 5 – AB 1234 of the Agenda.*
- Director Coker - *Attended meetings as itemized in Item 5 – AB 1234 of the Agenda. She expressed excitement and anticipation for the Waterwise Loteria event on Thursday, November 16, 2023.*
- Director Gulmahamad – *Attended meetings as itemized in Item 5 – AB 1234 of the Agenda.*
- Director Sonnenberg - *Attended meetings as itemized in Item 5 – AB 1234 of the Agenda.*

STAFF ORAL REPORTS

- General Manager/Secretary Report – *General Manager Willis reminded the Board that the Waterwise Loteria event will take place on Thursday, November 16, 2023. She provided an update on the Board request to have the monitors lowered at the dais.*
- Legal Counsel Report – *None.*

CLOSED SESSION

Legal Counsel shall provide a briefing on the item listed for Closed Session as follows:

12. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION
Government Code Section 54956.9(d)(1)
KAISER Foundation Health Plan, Inc., et al. vs. Chino Basin Water Conservation District; and DOES 1 through 10, inclusive
San Bernardino Superior Court Case No.: CIVDS 1933655

President Ligtenberg affirmed there was nothing to report on Item 12 for a closed session to be had and thus proceeded with the adjournment.

ADJOURNMENT

President Ligtenberg adjourned the meeting at 4:38 p.m. to the next Regular Board Meeting of the Chino Basin Water Conservation District to be held on **Monday, December 11, 2023**, at 2:00 p.m. at District Headquarters, located at 4594 San Bernardino Street, Montclair, CA 91763.

APPROVED AND ADOPTED THIS 11TH DAY OF DECEMBER 2023.

_____
Elizabeth Willis, General Manager

ATTEST:

_____
Jasmine Felix, Interim Board Clerk

CHINO BASIN Water Conservation District

ITEM NO. 3

STAFF REPORT
BOARD OF DIRECTORS REGULAR MEETING

DATE: December 11, 2023

FROM: Elizabeth Willis, General Manager

BY: Alicia Fernandez, Administrative Services Manager

SUBJECT: **AB 1234 – DIRECTOR TRAVEL, TRAINING, AND MEETING REPORT**

RECOMMENDATION

It is recommended that the Board of Directors receive and file Director Travel, Training, and Meeting Report, reflecting business-related expenses incurred by the District.

BACKGROUND

In accordance with Assembly Bill 1234 (AB 1234), effective January 1, 2006, members of the Board of Directors are required to provide a brief report on meetings attended at the expense of the local agency at the next regular meeting of the legislative body.

DISCUSSION/ANALYSIS

In response to AB 1234, a Board of Director Travel, Training, and Meeting Report has been created and is placed on the Board Agenda Consent Calendar monthly. It provides the required brief report on meetings that Board members attended in November, 2023.

DATE	EVENT	BOARD MEMBER
11/13/2023	CBWCD Regular Board Meeting	President Mark Ligtenberg Vice President Parker Treasurer Aldaco Directors Layton, Coker, Gulmahamad, and Sonnenberg
11/16/2023	CBWCD Loteria Gallery Event	Vice President Parker Directors Coker, Layton, Sonnenberg, and Gulmahamad

FISCAL IMPACT

None. Anticipated Director attendance and associated expenses are included in the Fiscal Year Budget.

ATTACHMENT(S):

None

CHINO BASIN Water Conservation District

ITEM NO. 4

STAFF REPORT
BOARD OF DIRECTORS REGULAR MEETING

DATE: December 11, 2023

FROM: Elizabeth Willis, General Manager

BY: Alicia Fernandez, Administrative Services Manager

SUBJECT: **AB 1234 – DIRECTOR COMPENSATION AND REIMBURSEMENT REPORT**

RECOMMENDATION

It is recommended that the Board of Directors approve the Compensation and Reimbursement Report.

BACKGROUND

Per Policy 47, dated November 9, 2020, "Board Member Compensation, Reimbursement, and Ethics Training", Exhibit A, Category C reflects the following:

CATEGORY C – Meetings at Partner Organizations

At the beginning of each Fiscal Year, Board Members will vote on assignments for attendance at meetings of each organization listed below to ensure broad, diverse, and consistent District representation at such events. A primary and alternate will be chosen. If the primary and alternate members designated are both unable to attend, another member may be later designated for this purpose. At events considered to be of particular importance, multiple directors may be authorized to attend. Compensation and reimbursement for attendance at Category C meetings may be approved post-attendance on the Board's consent calendar.

a. Association of California Water Agencies (ACWA)
b. Association of San Bernardino County Special Districts (ASBCSD)
c. California Groundwater Coalition (CGD)
d. California Special Districts Association (CSDA)
e. Cal Trust
f. Chino Basin Watermaster
g. Cucamonga Valley Water District (CVWD)
h. Groundwater Recharge Coordinating Committee (GRCC)
i. Inland Empire Utilities Agency (IEUA)
j. Joint Powers Authority (JPIA)
k. LAIF
l. Local Agency Formation Commission (LAFCO)

m. Metropolitan Water District (MWD)
n. Monte Vista Water District
o. Southern California Water Committee (SCWC)
p. Southern California Storm Water Taskforce
q. Southern California Recycled Water Taskforce
r. Urban Water Institute (UWI)
s. Water Education Foundation (WEF)

Please refer to Policy No. 47 for further information.

DISCUSSION/ANALYSIS

Below is a list of events attended by specified Board Members:

DATE	EVENT	BOARD MEMBER
11/2/2023	SCWC Annual Meeting & Dinner	Vice President Parker
11/2/2023	CSDA "Working with the Media"	Director Gulmahamad
11/3/2023	Greater Ontario Business Council "Pancakes & Politics"	Director Gulmahamad
11/6/2023	Montclair Regular Council Meeting, Announcement of Time Capsule Event	Vice President Parker
11/15/2023	Inland Empire Utilities Agency Regular Council Meeting, Announcement of Time Capsule Event	Vice President Parker
11/17/2023	LAFCO Intro to Special Districts Finances	Director Aldaco
11/19/2023	ASBCD Final Membership Meeting & Dinner	Vice President Parker and Director Coker
11/27/2023	State of the County, San Bernardino	Director Gulmahamad
11/28/2023	Chino Hills Regular Council Meeting, Announcement of Time Capsule Event	Director Sonnenberg
11/28/2023 – 11/30/2023	2023 Fall ACWA Conference	Vice President Parker, Director Coker and Director Aldaco

FISCAL IMPACT

None. Anticipated Director attendance and associated expenses are included in the Fiscal Year 2022-2023 budget.

ATTACHMENT(S):

None

CHINO BASIN
Water
Conservation
District

ITEM NO. 5

FINANCIAL REPORTS FOR OCTOBER 2023

CHINO BASIN WATER CONSERVATION DISTRICT

FINANCIAL REPORTS

October 2023

1. Income & Expense Report
2. Balance Sheet
3. General Checking & Petty Cash Checking
4. Credit Expense Checks Breakdown (Cal Card)
5. Payroll Reports
6. Expense Reimbursement Reports

Chino Basin Water Conservation District
Income & Expense Report
July through October 2023

	Jul - Oct 23	Budget	% of Budget	
Income				
46000 · Gain/Loss - Pension Trust	-2,538.00			
40000 · Property Tax & Assessment Rev				
40100 · Current Yr Tax Revenue	0.00	2,651,600.00	0.0%	
40200 · Current Yr Supplemental Tax Rev	0.00	74,300.00	0.0%	
40300 · Prior Yr Tax Revenue	0.00	58,000.00	0.0%	
40400 · Homeowner's Prop Tax Relief	0.00	19,500.00	0.0%	
40500 · RDA Pass-Thru from Cities	0.00	1,267,100.00	0.0%	
Total 40000 · Property Tax & Assessment Rev	0.00	4,070,500.00		0.0%
41000 · Interest Income	94,845.32	167,600.00		56.6%
42000 · Contributions/Sponsorships	4,500.00	4,000.00		112.5%
44000 · Grant Income				
44200 · Non-Govt Grant Income	640.00			
Total 44000 · Grant Income	640.00			
45000 · Capital Gain/Loss				
45100 · CalTRUST Investment Earnings	39,104.81	54,100.00	72.3%	
45110 · CalTRUST unrealized gain/loss	-19.58			
Total 45000 · Capital Gain/Loss	39,085.23	54,100.00		72.2%
49000 · Miscellaneous Income				
49100 · Agreement Income	639.00	17,500.00	3.7%	
49200 · Cal Card Incentive	676.71	2,000.00	33.8%	
49500 · Lease Revenue	4,000.00	12,000.00	33.3%	
49900 · Misc Income	1,650.00			
49000 · Miscellaneous Income - Other	1.00			
Total 49000 · Miscellaneous Income	6,966.71	31,500.00		22.1%
Total Income	143,499.26	4,327,700.00		3.3%
Gross Profit	143,499.26	4,327,700.00		3.3%
Expense				
50000 · Payroll Expenses				
50100 · Wages				
50110 · Directors Wages	14,175.00	56,000.00	25.3%	
50120 · Salary Employee Wages	215,103.72	645,300.00	33.3%	
50130 · Hourly Employee Wages	256,204.34	833,100.00	30.8%	
50140 · Intern Wages	20,303.06	72,000.00	28.2%	
Total 50100 · Wages	505,786.12	1,606,400.00	31.5%	
50200 · Payroll taxes	39,058.40	125,900.00	31.0%	
50300 · Employee Benefits				
50326 · CalPERS Pension Reserve Trust	0.00	100,000.00	0.0%	
50310 · Med/Dent/Vision/Life/Dis. Ins	100,134.59	261,900.00	38.2%	
50311 · Employee Paid Premiums	-1,828.80	-4,900.00	37.3%	
50312 · Emp Benefits - Healthy Living	335.44			
50313 · EAP - Employee Assist. Program	0.00	600.00	0.0%	
50321 · Classic - ER Paid Member Contr.	4,430.26	13,200.00	33.6%	
50322 · Classic-Employer Contribution	6,769.61	20,100.00	33.7%	
50325 · PEPRA-Employer Contribution	30,396.57	96,800.00	31.4%	
50328 · Unfunded PERS payment	41,286.00	48,900.00	84.4%	
Total 50300 · Employee Benefits	181,523.67	536,600.00	33.8%	
50400 · Payroll processing fees	900.00	14,100.00	6.4%	
Total 50000 · Payroll Expenses	727,268.19	2,283,000.00		31.9%
51000 · Administration Expenses				
51100 · Accounting Fees	22,110.70	80,000.00	27.6%	
51150 · Banking Fees	75.00	400.00	18.8%	
51200 · Board of Director's Expenses				
51210 · Conference & Tour Fees	3,280.00	12,000.00	27.3%	
51230 · Legal Notices/Director Related	0.00	2,000.00	0.0%	
51240 · Meals	1,156.98	1,500.00	77.1%	
51250 · Medical & Life Insurance	3,143.93	21,600.00	14.6%	
51260 · Mileage	893.46	2,500.00	35.7%	
51270 · Miscellaneous	1,383.23	12,500.00	11.1%	
51280 · Travel & Lodging	2,087.41	2,000.00	104.4%	
Total 51200 · Board of Director's Expenses	11,945.01	54,100.00	22.1%	
51300 · Consulting Fees	22,687.88	131,000.00	17.3%	
51400 · Dues & Subscriptions	12,230.58	45,200.00	27.1%	
51500 · Engineering Fees	16,334.70	10,000.00	163.3%	
51600 · Legal Fees	44,166.00	50,000.00	88.3%	
51700 · Office Expenses				
51785 · Agenda Management Software	0.00	12,000.00	0.0%	
51710 · Office Equipment & Repairs	3,208.36	10,200.00	31.5%	
51720 · Computer/Printer Supplies	397.55	2,500.00	15.9%	
51730 · Maintenance/Janitorial	3,802.19	17,300.00	22.0%	
51740 · Miscellaneous	0.00	1,000.00	0.0%	
51750 · Postage	143.88	1,300.00	11.1%	
51760 · Supplies	1,822.15	7,100.00	25.7%	
51765 · Computer/IT Support	17,595.40	43,700.00	40.3%	
51770 · Telecommunications	5,710.66	19,500.00	29.3%	

Chino Basin Water Conservation District
Income & Expense Report
July through October 2023

	Jul - Oct 23	Budget	% of Budget	
51780 · Utilities	12,279.62	39,500.00	31.1%	
Total 51700 · Office Expenses	44,959.81	154,100.00	29.2%	
51800 · Meeting Refreshments	627.29	3,000.00	20.9%	
51900 · Staff Expenses				
51910 · Education	4,892.46	11,000.00	44.5%	
51920 · Conference & Tour Fees	1,595.00	10,700.00	14.9%	
51930 · Meals	739.26	6,600.00	11.2%	
51940 · Mileage	1,175.17	4,300.00	27.3%	
51950 · Miscellaneous	335.46	4,000.00	8.4%	
51955 · Recruitment	1,018.27	5,000.00	20.4%	
51960 · Travel & Lodging	1,509.28	11,500.00	13.1%	
51970 · Uniform Expense	2,533.27	10,700.00	23.7%	
Total 51900 · Staff Expenses	13,798.17	63,800.00	21.6%	
51990 · Tax Collections Fees	0.00	8,200.00	0.0%	
Total 51000 · Administration Expenses	188,935.14	599,800.00		31.5%
51999 · Non-Operating General Expenses				
51999-1 · Facilities	355.88	10,000.00	3.6%	
51999-2 · Furniture & Equipment	12,877.54	28,000.00	46.0%	
Total 51999 · Non-Operating General Expenses	13,233.42	38,000.00		34.8%
53000 · Insurance Expenses				
53100 · Bonding	1,225.00	1,000.00	122.5%	
53200 · General Liability	17,129.85	46,400.00	36.9%	
53300 · Property	2,540.13	9,600.00	26.5%	
53400 · Workers' Comp	9,418.38	36,000.00	26.2%	
Total 53000 · Insurance Expenses	30,313.36	93,000.00		32.6%
54000 · Operation Expenses				
54150 · Equipment & Vehicles				
54160 · Equipment	666.99	3,000.00	22.2%	
54170 · Fuel	2,910.86	13,200.00	22.1%	
54180 · Repairs, Maint & Supplies	5,301.06	17,000.00	31.2%	
Total 54150 · Equipment & Vehicles	8,878.91	33,200.00	26.7%	
54200 · Fence Expenses	4,977.83	42,000.00	11.9%	
54250 · Hardscape Expenses	0.00	9,200.00	0.0%	
54300 · Irrigation Expenses	5,036.59	16,100.00	31.3%	
54350 · Landscape Maint & Supplies	5,335.31	53,000.00	10.1%	
54400 · Miscellaneous	9.59	1,500.00	0.6%	
54450 · Basin Percolation Maintenance	0.00	101,000.00	0.0%	
54500 · Pest Control	4,120.55	11,000.00	37.5%	
54550 · Signage	1,530.38	4,500.00	34.0%	
54600 · Small Tools & Supplies	3,167.75	6,000.00	52.8%	
54650 · Structural Maintenance	24,453.65	42,000.00	58.2%	
54750 · Trash Cleanup & Disposal	2,587.22	15,000.00	17.2%	
54800 · Utilities	1,455.12	12,000.00	12.1%	
54850 · Weed Abatement	1,017.19	20,200.00	5.0%	
Total 54000 · Operation Expenses	62,570.09	366,700.00		17.1%
55000 · Permits & Fees	0.00	500.00		0.0%
56000 · Public Education/Relations				
56100 · Advertising & Strategic Comm.	19,802.87	63,300.00	31.3%	
56200 · Critter Expenses	634.92	7,000.00	9.1%	
56300 · District Events				
56330 · Outreach Events	2,286.34	30,000.00	7.6%	
56340 · Water Fair	13,600.75	15,000.00	90.7%	
56350 · Poster Art Contest	36.00	14,000.00	0.3%	
56360 · Youth Program Supplies	914.72	1,500.00	61.0%	
56370 · School Tours	218.00	40,000.00	0.5%	
56380 · Public Ed/Workshops	1,356.49	20,000.00	6.8%	
Total 56300 · District Events	18,412.30	120,500.00	15.3%	
56400 · Community Events/Sponsorships				
56500 · Informational Materials	2,672.77	3,000.00	69.1%	
56700 · Web Design/Maintenance	1,316.79	29,000.00	4.5%	
56400 · Community Events/Sponsorships - Other	2,500.00	2,500.00	100.0%	
Total 56400 · Community Events/Sponsorships	6,489.56	34,500.00	18.8%	
56600 · Supplies - Give Aways	213.99	10,000.00	2.1%	
56750 · Lobby Display Rotation - noncap	1,887.73			
Total 56000 · Public Education/Relations	47,441.37	235,300.00		20.2%
57500 · Expense Reimburseables Clearing	1,005.25			
58000 · Capital Expenses				
58002 · Basin Expenses	6,720.20			
58003 · Lobby Displays	3,619.12			
58000 · Capital Expenses - Other	16,443.80	541,200.00	3.0%	
Total 58000 · Capital Expenses	26,783.12	541,200.00		4.9%
Total Expense	1,097,549.94	4,157,500.00		26.4%

Chino Basin Water Conservation District
Income & Expense Report
July through October 2023

	Jul - Oct 23	Budget	% of Budget
Net Income	-954,050.68	170,200.00	-560.5%

Chino Basin Water Conservation District
Balance Sheet
As of October 31, 2023

	Oct 31, 23	
ASSETS		
Current Assets		
Checking/Savings		
10000 · Cash Accounts		
10600 · Pension Trust	71,091.00	
10100 · General Checking	141,560.95	
10200 · Petty Cash	1,001.21	
10300 · LAIF Investment	9,957,135.62	
10310 · LAIF FMV	-163,571.38	
10400 · CalTrust	2,436,269.43	
Total 10000 · Cash Accounts		12,443,486.83
Total Checking/Savings		12,443,486.83
Accounts Receivable		
11000 · Accounts Receivable		500.00
Total Accounts Receivable		500.00
Other Current Assets		
14000 · Prepaid Expenses		
14200 · Miscellaneous	87,333.66	
Total 14000 · Prepaid Expenses		87,333.66
14600 · Deferred Outflows - DOR		
14601 · DOR - Pension Contributions	1,255,746.00	
14602 · DOR - Pension Related	515,202.00	
Total 14600 · Deferred Outflows - DOR		1,770,948.00
14999 · Undeposited Funds		551.00
Total Other Current Assets		1,858,832.66
Total Current Assets		14,302,819.49
Fixed Assets		
12000 · Construction in Process		16,708.09
15000 · Buildings & Fixtures - Net Val		
15100 · Buildings and Fixtures	10,561,571.85	
15200 · A/D - Buildings & Fixtures	-2,767,323.67	
Total 15000 · Buildings & Fixtures - Net Val		7,794,248.18
16000 · Land Assets		
16000-1 · Land	1,486,121.26	
16000-3 · Land - Confluence Project	4,500,000.00	
Total 16000 · Land Assets		5,986,121.26
17000 · Office Furn. & Equip. - Net Val		
17100 · Office Furniture & Equipment	158,242.46	
17200 · A/D - Office Furniture & Equipm	-52,546.02	
Total 17000 · Office Furn. & Equip. - Net Val		105,696.44
18000 · Vehicles & Implements - Net Val		
18100 · Vehicles and Implements	214,767.87	
18200 · A/D - Vehicles & Implements	-127,381.91	
Total 18000 · Vehicles & Implements - Net Val		87,385.96
19000 · Garden & Hardscape - Net Val		
19100 · Garden & Hardscape	1,546,393.75	
19200 · A/D - Garden & Hardscape	-1,241,257.22	
Total 19000 · Garden & Hardscape - Net Val		305,136.53
Total Fixed Assets		14,295,296.46

Chino Basin Water Conservation District
Balance Sheet
As of October 31, 2023

	Oct 31, 23	
Other Assets		
13500 · Right to Use Assets		
13512 · Accum. Amortization - Equipment	-3,035.00	
13511 · Lease of Equipment	29,136.17	
Total 13500 · Right to Use Assets		26,101.17
Total Other Assets		26,101.17
TOTAL ASSETS		**28,624,217.12**
LIABILITIES & EQUITY		
Liabilities		
Current Liabilities		
Accounts Payable		
20000 · General Accounts Payable		80,883.88
Total Accounts Payable		80,883.88
Credit Cards		
20600 · CalCard		
20647 · CalCard- A Quinones	218.75	
20646 · CalCard- A Fernandez	36.71	
20644 · CalCard - L Holguin	124.79	
20610 · CalCard - J Taylor	200.98	
20613 · CalCard - R Sotomayor	205.02	
20609 · CalCard - J Salcido	118.71	
20626 · CalCard - M Curiel	486.41	
20630 · CalCard - M Dean	16.61	
20631 · CalCard - W Mercado	21.67	
20620 · CalCard - S Kleinrock	35.04	
20632 · CalCard - E Skrzat	431.52	
20637 · CalCard - G Jimenez	80.36	
Total 20600 · CalCard		1,976.57
Total Credit Cards		1,976.57
Other Current Liabilities		
21000 · Payroll Liabilities		
21500 · Accrued Employee Benefits		
21510 · Vacation Payable	67,774.14	
Total 21500 · Accrued Employee Benefits	67,774.14	
21600 · Accrued Wages	62,525.47	
Total 21000 · Payroll Liabilities		130,299.61
22000 · Customer Deposits		
22100 · Rental Property - Rent Deposit	1,400.00	
Total 22000 · Customer Deposits		1,400.00
Total Other Current Liabilities		131,699.61
Total Current Liabilities		214,560.06
Long Term Liabilities		
23500 · Lease Liabilities		
23511 · Lease Liability - Equipment(LT)	18,797.91	
23510 · Lease Liability - Equipment(ST)	6,894.80	
Total 23500 · Lease Liabilities		25,692.71
29000 · Deferred Inflows- DIR		
29002 · DIR - Pension Related	1,059,359.00	
Total 29000 · Deferred Inflows- DIR		1,059,359.00
29001 · Net Pension Liability		1,213,543.00

Chino Basin Water Conservation District
Balance Sheet
As of October 31, 2023

	Oct 31, 23	
Total Long Term Liabilities		2,298,594.71
Total Liabilities		2,513,154.77
Equity		
30001 · Non-Spendable Net Position		
30003 · Prepaids & Inventory	50,249.51	
30090 · Investment in Capital Assets	14,295,296.92	
Total 30001 · Non-Spendable Net Position		14,345,546.43
30020 · Assigned Net Position		
30012 · Major Structural Failures Resrv	2,350,000.00	
30022 · Recharge Improvements Reserve	2,350,000.00	
30023 · Pension Liability Reserve	1,213,543.00	
30025 · Compensated Absences Reserve	67,774.14	
Total 30020 · Assigned Net Position		5,981,317.14
30026 · Operating Reserves		1,808,150.00
30027 · District Facilities Reserve		300,000.00
31000 · Unassigned Net Position		4,630,099.46
Net Income		-954,050.68
Total Equity		26,111,062.35
TOTAL LIABILITIES & EQUITY		**28,624,217.12**

Chino Basin Water Conservation District
Monthly General Checking Disbursements
As of October 31, 2023

Type	Date	Num	Name	Memo	Amount
10000 · Cash Accounts					
10100 · General Checking					
Bill Pmt -Check	10/06/2023	21016	ACWA JPIA	Med/Dental/Vision/Life Ins-November	-19,367.86
Bill Pmt -Check	10/06/2023	21017	Animal Pest Management Services, Inc.	ground squirrel control @ basins	-935.00
Bill Pmt -Check	10/06/2023	21018	Beneficial Ag Services		-72.00
Bill Pmt -Check	10/06/2023	21019	Brunick, McElhaney & Kennedy	Legal services-August	-6,338.75
Bill Pmt -Check	10/06/2023	21020	Burrtec Waste Industries, Inc.	trash & green waste srvc-October	-395.36
Bill Pmt -Check	10/06/2023	21021	Central Blueprint Service	Fall workshop brochures	-619.56
Bill Pmt -Check	10/06/2023	21022	Cintas Corporation #150		-202.27
Bill Pmt -Check	10/06/2023	21023	Computer Village	Microsoft 365 - October	-559.92
Bill Pmt -Check	10/06/2023	21024	Eide Bailly LLP	215752	-7,596.80
Bill Pmt -Check	10/06/2023	21025	GM Parking Lot Restoration Corp.	parking lot resurfacing & striping	-6,697.20
Bill Pmt -Check	10/06/2023	21026	La Verne Power Equipment, Inc.		-924.92
Bill Pmt -Check	10/06/2023	21027	Monte Vista Water District		-773.07
Bill Pmt -Check	10/06/2023	21028	O.F. Wolfinbarger, Inc.		-295.24
Bill Pmt -Check	10/06/2023	21029	Omone Abu	Social Media - October	-575.00
Bill Pmt -Check	10/06/2023	21030	Smith Pipe & Supply Inc.		-198.36
Bill Pmt -Check	10/06/2023	21031	Swedlows Distributors, Inc.	GM office furniture	-5,990.13
Bill Pmt -Check	10/06/2023	21032	Tom Day Tree Service, Inc.	tree trimming in oak grove & garden areas	-4,395.00
Bill Pmt -Check	10/06/2023	21033	Vanguard Cleaning Systems	monthly janitorial srvc-October	-495.00
Bill Pmt -Check	10/06/2023	21034	ACWA	2024 Annual Agency Dues	-14,100.00
Bill Pmt -Check	10/06/2023	21035	Cal Card (US Bank)	Statement Ending 9/22/2023	-18,952.25
General Journal	10/07/2023	ke 10.13.23		PPE 10/07/2023 - SDI	-516.85
General Journal	10/07/2023	ke 10.13.23		PPE 10/07/2023 - ETT	-1.57
General Journal	10/07/2023	ke 10.13.23		PPE 10/07/2023 - SUI	-26.90
General Journal	10/07/2023	ke 10.13.23		PPE 10/07/2023	-16,798.16
General Journal	10/07/2023	ke 10.13.23	CalPERS (Payroll)	CalPERS - PPE 10/07/2023	-8,171.42
General Journal	10/07/2023	ke 10.13.23	CalPERS (Payroll)	CalPERS - PPE 10/07/2023	-1,938.26
General Journal	10/07/2023	ke 10.13.23		Payroll 10/07/2023	-40,989.50
Bill Pmt -Check	10/09/2023	21036	Computer Village		-366.77
General Journal	10/13/2023	cm 11.6.23	Paychex	Paychex Fee - Hrs	-50.00
Bill Pmt -Check	10/19/2023	21037	Central Blueprint Service		-851.12
Bill Pmt -Check	10/19/2023	21038	Cintas Corporation #150		-193.57
Bill Pmt -Check	10/19/2023	21039	City of Ontario		-325.77
Bill Pmt -Check	10/19/2023	21040	CV Strategies	Consulting srvcs-Sept.	-4,278.75
Bill Pmt -Check	10/19/2023	21041	Great America Financial Services Corp	monthly copier lease	-687.73
Bill Pmt -Check	10/19/2023	21042	La Verne Power Equipment, Inc.		-250.93
Bill Pmt -Check	10/19/2023	21043	Montclair Chamber of Commerce	Liz Willis -Oct. networking breakfast	-15.00
Bill Pmt -Check	10/19/2023	21044	Nationwide Guard Services, Inc	overnight security for fall festival	-600.00
Bill Pmt -Check	10/19/2023	21045	Robert A. Carter	repair front door & Lg. Conf. rm door handle	-564.89
Bill Pmt -Check	10/19/2023	21046	SCE (Utiltiy Payments Only)	electric use all campus	-3,150.19
Bill Pmt -Check	10/19/2023	21047	SiteOne Landscape Supply Holding, LLC	irrigation supplies	-351.97
Bill Pmt -Check	10/19/2023	21048	Southern California News Group	Notice for Bids	-1,005.35
Bill Pmt -Check	10/19/2023	21049	The City of Monclair	Sewer charges 8/1-9/30	-50.58
Bill Pmt -Check	10/19/2023	21050	Three Valleys MWD	10/26 Ldrshp Brkfst-Directors Kati P. & Hanif G.	-60.00
Bill Pmt -Check	10/19/2023	21051	TPX Communications	phone & internet service 10/16-11/15	-831.33
Bill Pmt -Check	10/19/2023	21052	Verizon Wireless	wireless push to talk srvc 10/10-11/09	-145.22
Bill Pmt -Check	10/19/2023	21053	Wagner & Bonsignore, CCE		-22,054.90
Bill Pmt -Check	10/20/2023	21054	ACWA JPIA	Auto & GL Policy Year 10/1/23-10/1/24	-48,212.00
Bill Pmt -Check	10/20/2023	21055	Computer Village	IT monitoring & support	-1,992.00
Check	10/20/2023			Wire Service Charge	-15.00
General Journal	10/20/2023	cm 10.6.23	Paychex	Paychex Fee - OAB	-184.45
General Journal	10/21/2023	cm 10.26.23		Payroll 10/21/2023	-38,960.75
General Journal	10/21/2023	cm 10.26.23		PPE 10/21/2023 - SDI	-250.17
General Journal	10/21/2023	cm 10.26.23		PPE 10/21/2023 - ETT	-1.41
General Journal	10/21/2023	cm 10.26.23		PPE 10/21/2023 - SUI	-24.03
General Journal	10/21/2023	cm 10.26.23		PPE 10/21/2023	-15,665.04
General Journal	10/21/2023	cm 10.26.23	CalPERS (Payroll)	CalPERS - PPE 10/21/2023	-7,683.95
General Journal	10/21/2023	cm 10.26.23	CalPERS (Payroll)	CalPERS - PPE 10/21/2023	-1,769.99
General Journal	10/21/2023	cm 10.26.23		PPE 10/21/2023 - SDI	-217.33
Bill Pmt -Check	10/26/2023	21056	Chino Valley USD		-771.50
General Journal	10/27/2023	cm 11.6.23		Paychex Refund	737.80
Total 10100 · General Checking					-308,770.24
Total 10000 · Cash Accounts					-308,770.24
TOTAL					**-308,770.24**

Chino Basin Water Conservation District
Monthly Petty Cash Checking Disbursements
As of October 31, 2023

Type	Date	Num	Name	Memo	Amount	Balance
10000 · Cash Accounts						701.17
10200 · Petty Cash						701.17
Deposit	10/12/2023			Deposit	300.00	1,001.17
Deposit	10/31/2023			Interest	0.04	1,001.21
Total 10200 · Petty Cash					300.04	1,001.21
Total 10000 · Cash Accounts					300.04	1,001.21
TOTAL					**300.04**	**1,001.21**

Chino Basin Water Conservation District
CalCard Monthly Detail
As of October 31, 2023

Type	Date	Name	Memo	Amount	Balance
20600 · CalCard					4,157.83
20647 · CalCard- A Quinones					208.00
Credit Card Charge	10/02/2023	Smart & Final-Cal Card	ice pops for fall festival	29.95	237.95
Credit Card Charge	10/02/2023	Smart & Final-Cal Card	ice pops for fall festival	47.92	285.87
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	-285.87	0.00
Credit Card Charge	10/26/2023	Services - Misc	Fieldtrip Booking Platform	199.00	199.00
Credit Card Charge	10/28/2023	Wishpond	Paused Plan - Poster contest voting platform	9.00	208.00
Credit Card Charge	10/31/2023	Amazon-Cal Card	Banners	10.75	218.75
Total 20647 · CalCard- A Quinones				10.75	218.75
20646 · CalCard- A Fernandez					0.00
Credit Card Charge	10/11/2023	Food - CalCard	admin lunch mtg to go over new hire duties	74.90	74.90
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	-74.90	0.00
Credit Card Charge	10/30/2023	ASBCSD	Nov Dinner Meeting	36.71	36.71
Total 20646 · CalCard- A Fernandez				36.71	36.71
20645 · CalCard- J Jones					0.00
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	0.00	0.00
Total 20645 · CalCard- J Jones				0.00	0.00
20644 · CalCard - L Holguin					103.35
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	-103.35	0.00
Credit Card Charge	10/30/2023	Costco-Cal Card	Fuel for 2018 Chevy	124.79	124.79
Total 20644 · CalCard - L Holguin				21.44	124.79
20643 · CalCard - D Lamarque					159.36
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	-159.36	0.00
Total 20643 · CalCard - D Lamarque				-159.36	0.00
20642 · CalCard - D Schroeder					0.00
Credit Card Charge	10/06/2023	Services - Misc	Ford truck repairs	1,297.24	1,297.24
Credit Card Charge	10/06/2023	Envirotech Outdoor LLC	parts for park excercise equipment	759.93	2,057.17
Credit Card Charge	10/09/2023	Subs,Dues,Membership	Subscription for DS	34.00	2,091.17
Credit Card Charge	10/17/2023	El Nativo Growers	GIES plants for Loving Savior & Randall Pepper ES	680.43	2,771.60
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	-2,771.60	0.00
Total 20642 · CalCard - D Schroeder				0.00	0.00
20610 · CalCard - J Taylor					567.22
Credit Card Charge	10/03/2023	Amazon-Cal Card	TP	35.97	603.19
Credit Card Charge	10/08/2023	Stater Bros - CalCard	meeting refreshments	40.43	643.62
Credit Card Charge	10/08/2023	Restaurant-Cal Card	treat for Director's card signing day	38.77	682.39
Credit Card Charge	10/09/2023	Amazon-Cal Card	multifold towels,ziploc bags,lg. binder clips	89.22	771.61
Credit Card Charge	10/10/2023	Post Office	certified mail + roll of stamps	75.73	847.34
Credit Card Charge	10/10/2023	Dolce Group Incorporation	Bday dessert for Oct. staff bdays	44.00	891.34
Credit Card Charge	10/11/2023	Services - Misc	tablecloth & towel laundering	44.62	935.96
Credit Card Charge	10/11/2023	Stater Bros - CalCard	bday dessert for LH & JT	14.60	950.56
Credit Card Charge	10/12/2023	Amazon-Cal Card	ppr towel holders, index cards	20.69	971.25
Credit Card Charge	10/16/2023	Amazon-Cal Card	hand held vacuum, card envelopes	80.54	1,051.79
Credit Card Charge	10/19/2023	Stater Bros - CalCard	snacks for Dir. card signing	22.98	1,074.77
Credit Card Charge	10/20/2023	Food - CalCard	pie for Director's holiday card signing	17.23	1,092.00
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	-1,092.00	0.00
Credit Card Charge	10/30/2023	Food - CalCard	1st day refreshments for KLopez	89.98	89.98
Credit Card Charge	10/30/2023	California Special Districts Association	Working with the Media Workshop	50.00	139.98
Credit Card Charge	10/31/2023	Amazon-Cal Card	Keyboard, mouse, and pens	61.00	200.98
Total 20610 · CalCard - J Taylor				-366.24	200.98
20613 · CalCard - R Solomayor					14.81
Credit Card Charge	10/02/2023	WalMart - CalCard	ice chest for district events	85.12	99.93
Credit Card Charge	10/04/2023	Services - Misc	To tow the Ford to repair shop	207.00	306.93
Credit Card Charge	10/06/2023	Supplies - Misc	dry ice for ice pops-pumpkin fest	7.00	313.93
Credit Card Charge	10/07/2023	Fuel - Misc	diesel fuel in 5G containers	59.27	373.20
Credit Card Charge	10/10/2023	Fuel - Misc	diesel fuel in 5G containers	62.47	435.67
Credit Card Charge	10/10/2023	Costco-Cal Card	fuel for newer Chevy	116.92	552.59
Credit Card Charge	10/11/2023	Amazon-Cal Card	shower supplies for MUB restroom	68.57	621.16
Credit Card Charge	10/20/2023	Costco-Cal Card	fuel for newer Chevy	145.88	767.04
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	-767.04	0.00
Credit Card Charge	10/24/2023	Supplies - Misc	sharpies & highlighters	17.75	17.75
Credit Card Charge	10/30/2023	Lowe's-Cal Card	Shovels, Rakes, Marking Paint	187.27	205.02
Total 20613 · CalCard - R Solomayor				190.21	205.02
20609 · CalCard - J Salcido					23.69
Credit Card Charge	10/02/2023	Lowe's-Cal Card	soil for succulent planting	97.77	121.46
Credit Card Charge	10/02/2023	Lowe's-Cal Card	safety cones	177.66	299.12
Credit Card Charge	10/02/2023	Costco-Cal Card	fuel for newer Chevy	158.01	457.13
Credit Card Charge	10/05/2023	Super King	tortoise food	21.31	478.44
Credit Card Charge	10/05/2023	Lowe's-Cal Card	traffic cones	118.44	596.88
Credit Card Charge	10/07/2023	Food - CalCard	event staff lunch-Pumpkin Festival	26.16	623.04
Credit Card Charge	10/10/2023	Lowe's-Cal Card	chainlink fence material for repairs	149.77	772.81
Credit Card Charge	10/13/2023	Lowe's-Cal Card	irrig repair from accident at CH basin	14.57	787.38
Credit Card Charge	10/13/2023	Stater Bros - CalCard	tortoise food	17.58	804.96
Credit Card Charge	10/17/2023	Services - Misc	truck wash-both Chevys	67.57	872.53
Credit Card Charge	10/19/2023	Stater Bros - CalCard	tortoise food	19.69	892.22
Credit Card Charge	10/20/2023	AutoZone-Cal Card	oil for plate compactor	11.29	903.51
Credit Card Charge	10/20/2023	Costco-Cal Card	fuel for older Chevy	93.85	997.36
Credit Card Charge	10/21/2023	Supplies - Misc	prep paint for mural wall	59.56	1,056.92
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	-1,056.92	0.00
Credit Card Charge	10/25/2023	Super King	tortoise food	23.08	23.08

Chino Basin Water Conservation District
CalCard Monthly Detail
As of October 31, 2023

Type	Date	Name	Memo	Amount	Balance
Credit Card Charge	10/27/2023	Home Depot - CalCard	Paint for ASM, GM & Sm Conf Rom officces	95.63	118.71
Total 20609 · CalCard - J Salcido				95.02	118.71
20626 · CalCard - M Curiel					470.65
Credit Card Charge	10/06/2023	Supplies - Misc	chairs & high top table rentals- pumpkin fest	271.90	742.55
Credit Card Charge	10/06/2023	Amazon-Cal Card	frames for Loteria Gallery night	36.22	778.77
Credit Card Charge	10/07/2023	Services - Misc	Bal. for festival photographer	432.00	1,210.77
Credit Card Charge	10/10/2023	Amazon-Cal Card	sensory table for lobby book nook	95.92	1,306.69
Credit Card Charge	10/12/2023	Amazon-Cal Card	frames for Loteria artwork	285.90	1,592.59
Credit Card Charge	10/18/2023	Costco-Cal Card	refreshments for various mtgs/events	54.45	1,647.04
Credit Card Charge	10/23/2023	Supplies - Misc	Loteria event stickers	164.05	1,811.09
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	-1,647.04	164.05
Credit Card Charge	10/26/2023	Services - Misc	Loteria Gallery Printing	262.80	426.85
Credit Card Charge	10/31/2023	Supplies - Misc	Paint for Mural Wall Prep	59.56	486.41
Total 20626 · CalCard - M Curiel				15.76	486.41
20634 · CalCard - D Moreno					177.43
Credit Card Charge	10/03/2023	Services - Misc	tow Ford back to District	260.00	437.43
Credit Card Charge	10/03/2023	Food - CalCard	DM / meals for Las Vegas convention	11.84	449.27
Credit Card Charge	10/03/2023	Food - CalCard	DM / meals/ Las Vegas convention	60.00	509.27
Credit Card Charge	10/04/2023	South Point Hotel	DM / snacks @ LV convention	7.33	516.60
Credit Card Charge	10/04/2023	South Point Hotel	DM / lunch @ LV conf.	30.82	547.42
Credit Card Charge	10/04/2023	Food - CalCard	DM / breakfast @ LV conf.	12.95	560.37
Credit Card Charge	10/05/2023	Food - CalCard	meals/ DM / Las Vegas convention	60.00	620.37
Credit Card Charge	10/05/2023	Parking Fees	Parking / DM / Las Vegas convention	18.00	638.37
Credit Card Charge	10/05/2023	Food - CalCard	DM / breakfast/LV Watersmart Conf.	13.49	651.86
Credit Card Charge	10/05/2023	South Point Hotel	DM /room @ LV conference	165.87	817.73
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	-817.73	0.00
Total 20634 · CalCard - D Moreno				-177.43	0.00
20630 · CalCard - M Dean					793.60
Credit Card Charge	10/02/2023	Amazon-Cal Card	traffic signs	69.74	863.34
Credit Card Credit	10/02/2023	Services - Misc	refund-faulty pumpkin fest stickers	-279.04	584.30
Credit Card Charge	10/03/2023	Food - CalCard	lunch for event staff-pumpkin festival	1,090.00	1,674.30
Credit Card Charge	10/04/2023	Costco-Cal Card	breakfast & lunch for fall fest staff	201.00	1,875.30
Credit Card Charge	10/04/2023	Costco-Cal Card	TP, coffee creamers	34.03	1,909.33
Credit Card Charge	10/06/2023	Food - CalCard	Pumpkin fest set-up day lunch	119.99	2,029.32
Credit Card Charge	10/06/2023	Food - CalCard	pumpkin fest set-up day lunch	23.65	2,052.97
Credit Card Charge	10/09/2023	Google	cloud storage	1.99	2,054.96
Credit Card Charge	10/09/2023	Services - Misc	balance due-bounce house for fall fest	502.13	2,557.09
Credit Card Charge	10/10/2023	Supplies - Misc	posters for field trip lessons	148.70	2,705.79
Credit Card Charge	10/11/2023	Services - Misc	software for social media mngmt	79.00	2,784.79
Credit Card Charge	10/12/2023	Lowe's-Cal Card	plants for field trip program	17.34	2,802.13
Credit Card Charge	10/12/2023	Amazon-Cal Card	poster hangers for field trips	11.55	2,813.68
Credit Card Charge	10/19/2023	Services - Misc	newsletter software	88.35	2,902.03
Credit Card Charge	10/22/2023	Survey Monkey	FT survey software	53.00	2,955.03
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	-2,955.03	0.00
Credit Card Charge	10/30/2023	Zoom	Zoom Pro Subscription	16.61	16.61
Total 20630 · CalCard - M Dean				-776.99	16.61
20631 · CalCard - W Mercado					141.86
Credit Card Charge	10/02/2023	Smart & Final-Cal Card	snacks for adaptation game	4.99	146.85
Credit Card Charge	10/02/2023	Smart & Final-Cal Card	snacks for adaptation game	8.49	155.34
Credit Card Charge	10/02/2023	Amazon-Cal Card	sandwich boards for fall fest	117.71	273.05
Credit Card Charge	10/02/2023	Amazon-Cal Card	sandwich boards for fall fest	196.18	469.23
Credit Card Charge	10/04/2023	Supplies - Misc	acorns for lesson plans	40.62	509.85
Credit Card Charge	10/17/2023	Amazon-Cal Card	test tubes for field trip lesson plan	18.52	528.37
Credit Card Charge	10/23/2023	Amazon-Cal Card	ice packs refills for first aid kit	21.67	550.04
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	-528.37	21.67
Total 20631 · CalCard - W Mercado				-120.19	21.67
20619 · CalCard - B Burgess					0.00
Credit Card Charge	10/03/2023	Restaurant-Cal Card	BB snacks @ LV conference	15.10	15.10
Credit Card Charge	10/03/2023	Restaurant-Cal Card	BB lunch @ LV conference	10.78	25.88
Credit Card Charge	10/03/2023	Restaurant-Cal Card	BB dinner @ LV conference	50.27	76.15
Credit Card Charge	10/04/2023	Restaurant-Cal Card	BB dinner @ LV conference	45.79	121.94
Credit Card Charge	10/04/2023	Restaurant-Cal Card	BB breakfast @ LV conference	19.20	141.14
Credit Card Charge	10/05/2023	Restaurant-Cal Card	BB snacks @ LV conference	3.98	145.12
Credit Card Charge	10/05/2023	Restaurant-Cal Card	BB dinner @ LV conference	70.00	215.12
Credit Card Charge	10/06/2023	South Point Hotel	BB hotel @ LV conference	277.40	492.52
Credit Card Charge	10/10/2023	CLCA	Deposit for Gia's WELDCP course	50.00	542.52
Credit Card Charge	10/12/2023	Amazon-Cal Card	I-pad case w/strap for LEAP	29.42	571.94
Credit Card Charge	10/12/2023	Eventbrite-Cal Card	BB webinar; CaDC workshop	30.00	601.94
Credit Card Charge	10/14/2023	Zoom	One Pro & Webinar monthly	162.06	764.00
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	-764.00	0.00
Total 20619 · CalCard - B Burgess				0.00	0.00
20620 · CalCard - S Kleinrock					603.49
Credit Card Charge	10/01/2023	SendGrid	contact list storage 9/1-9/30	19.95	623.44
Credit Card Charge	10/04/2023	Lowe's-Cal Card	tools/supplies for CNPLC program	359.63	983.07
Credit Card Charge	10/20/2023	Survey Monkey	Annual subscription	468.00	1,451.07
Credit Card Charge	10/22/2023	Services - Misc	waterwisegardenplanner.org -hosting	42.00	1,493.07
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	-1,493.07	0.00
Credit Card Charge	10/27/2023	California Botanic Garden	Plants	35.04	35.04
Total 20620 · CalCard - S Kleinrock				-568.45	35.04
20632 · CalCard - E Skrzat					883.48
Credit Card Charge	10/04/2023	Los Angeles News Group	Digital access monthly	16.00	899.48

Chino Basin Water Conservation District
CalCard Monthly Detail
As of October 31, 2023

Type	Date	Name	Memo	Amount	Balance
Credit Card Charge	10/07/2023	ACWA	Dir. Layton regist. for fall conference	815.00	1,714.48
Credit Card Credit	10/11/2023	ACWA	Dir. Layton refund for cancel. of fall conf. less fee	-740.00	974.48
Credit Card Charge	10/12/2023	Services - Misc	Hotel for Dir. Ligtenberg/ SDLA Confer.	623.94	1,598.42
Credit Card Charge	10/16/2023	Supplies - Misc	Tailgate safety books	1,058.00	2,656.42
Credit Card Charge	10/16/2023	Restaurant-Cal Card	EW lunch briefing w/Dir. Layton	47.87	2,704.29
Credit Card Charge	10/18/2023	Adobe	Acrobat Pro 10/18-10/22	3.87	2,708.16
Credit Card Charge	10/18/2023	Southern California News Group	Digital access monthly	14.00	2,722.16
Credit Card Charge	10/23/2023	Adobe	Creative Cloud,Acrobat Pro monthly	398.91	3,121.07
Credit Card Charge	10/23/2023	Zoom	One Pro monthly 10/23-11/22	16.61	3,137.68
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	-2,722.16	415.52
Credit Card Charge	10/31/2023	Los Angeles News Group	Digital Access Monthly	16.00	431.52
Total 20632 · CalCard - E Skrzat				-451.96	431.52
20637 · CalCard - G Jimenez					10.89
Credit Card Charge	10/09/2023	Lowe's-Cal Card	cones,crack sealer,terry towels	108.30	119.19
Credit Card Charge	10/14/2023	Home Depot - CalCard	pipe adapter for pond/ headlamps	52.92	172.11
Credit Card Charge	10/16/2023	Home Depot - CalCard	head lamps	31.94	204.05
Credit Card Charge	10/17/2023	Supplies - Misc	float valve for pond	5.89	209.94
Bill	10/23/2023	Cal Card (US Bank)	Statement Ending 10/23/2023	-178.00	31.94
Credit Card Charge	10/23/2023	Supplies - Misc	command hooks and computer mouse	48.42	80.36
Total 20637 · CalCard - G Jimenez				69.47	80.36
Total 20600 · CalCard				-2,181.26	1,976.57
TOTAL				**-2,181.26**	**1,976.57**

CHINO BASIN WATER CONSERVATION DISTRICT
PAYROLL SUMMARY
Oct-23

	PPE 10/7/2023
Total Checks & Direct Deposits	$ 38,243.66
Total Taxes Paid	$ 16,007.50
Total Payroll	**$ 54,251.16**

**Check date 10/12/2023*

	PPE 10/21/2023
Total Checks & Direct Deposits	$ 38,960.75
Total Taxes Paid	$ 16,157.98
Total Payroll	**$ 55,118.73**

**Check date 10/26/2023*

CHINO BASIN WATER CONSERVATION DISTRICT
PAYROLL SUMMARY
Oct-23

Pay Period Beg.	Pay Period End	Gross Wages	Notes
6/18/2023	7/1/2023	$ 54,009.58	
7/2/2023	7/15/2023	$ 57,916.88	
7/16/2023	7/29/2023	$ 52,833.17	
7/30/2023	8/12/2023	$ 55,622.73	
8/13/2023	8/26/2023	$ 59,212.92	
8/27/2023	9/9/2023	$ 54,669.62	
9/10/2023	9/23/2023	$ 61,235.64	
9/24/2023	10/7/2023	$ 53,496.92	
10/8/2023	10/21/2023	$ 55,879.77	
Total Payroll		**$ 504,877.23**	

Chino Basin Water Conservation District

Director and Staff Expense Reimbursements

Payroll Date 10/06/23
Check Date
10/11/2023

		Board of Director Expenses								Staff Expenses													
Emp #	Name	Medical Insurance		Mileage		Director Conference & Tours		Director Misc. Exp.				Employee Mileage		Outreach Events		Advertising & Strategic Comm.		Meals		Uniforms		Travel & Lodging	
		51250	explanation	51260	explanation	51210	explanation	51270	explanation		explanation	51940	explanation	56330	explanation	56100	explanation	51930	explanation	51970	explanation	51960	explanation
111	Gulmahamad, Hanif	$ 164.90	monthly reimb.	$ 60.26	reimb at .655 per mile	$ -		$ -															
113	Ligtenberg, Mark	$ 164.90	monthly reimb.	$ 22.02	reimb at .655 per mile	$ -		$ -															
114	Aldaco, Gilbert	$ 164.90	monthly reimb.	$ 75.46	reimb at .655 per mile	$ -		$ 65.00	CSDA Leadership In														
115	Sonnenberg, Ryan	$ -	N/A at this time	$ 14.40	reimb at .655 per mile	$ -		$ -															
116	Parker, Katherine	$ 277.52	monthly reimb.	$ 82.01	reimb at .655 per mile			$ 65.00	CSDA Leadership In														
117	Layton, Theresa	$ -	N/A at this time	$ 22.14	reimb at .655 per mile	$ -		$ -															
118	Coker, Amanda	$ -	N/A at this time	$ 15.20	reimb at .655 per mile	$ -		$ -															
240	Burgess, Brandon									$ -		$ 39.04	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ 20.00	parking
249	Curiel, Monica									$ -		$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
276	Fernandez, Alicia									$ -		$ 162.44	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ 125.00	Parking & UCR Completion Fee
270	Holguin, Luis									$ -		$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
260	Jimenez, George									$ -		$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
267	Jones, Jacob									$ -		$ -	reimb at .655 per mile			$ -		$ -		$ -		$ -	
266	Lamarque, Dena									$ -		$ 7.86	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
275	Ledezma, Nyckolaus									$ -		$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
256	Mercado, William									$ -		$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
257	Moreno, Daniel									$ -		$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
277	Quinones, Azucena									$ -		$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
230	Salcido, James									$ -		$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
214	Sotomayor, Roberto									$ -		$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
220	Taylor, Judith									$ -			reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
254	Bojalad-Dean, Maia									$ -			reimb at .655 per mile			$ -		$ -		$ -		$ -	
239	Kleinrock, Scott									$ -		$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
202	Schroeder, David W									$ -		$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
269	Rodriguez Pinto, Laura									$ -		$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
253	Willis, Elizabeth									$ -		$ -	reimb at .655 per mile	$ -				$ -		$ -		$ -	
	Totals:	*$ 772.22*		*$ 291.49*		*$ -*		*$ 130.00*		*$ -*		*$ 209.34*		*$ -*				*$ -*		*$ -*		*$ 145.00*	

Chino Basin Water Conservation District

Director and Staff Expense Reimbursements

Payroll Date 10/21/23
Check Date
10/26/2023

		Board of Director Expenses				Staff Expenses											
Emp #	Name	Medical Insurance		Mileage		Employee Mileage		Outreach Events		Repairs, Maintenance, and Supplies.		EE Health Exp		Meeting Refreshments		Memberships	
		51250	explanation	51260	explanation	51940	explanation	56330	explanation	54180	explanation	50312	explanation	51800	explanation	51400	explanation
111	Gulmahamad, Hanif	$ 164.90	monthly reimb.	$ 24.24	reimb at .655 per mile												
113	Ligtenberg, Mark	$ 164.90	monthly reimb.	$ 7.34	reimb at .655 per mile												
114	Aldaco, Gilbert	$ 164.90	monthly reimb.	$ 15.59	reimb at .655 per mile												
115	Sonnenberg, Ryan	$ -	N/A at this time	$ 4.72	reimb at .655 per mile												
116	Parker, Katherine	$ 277.52	monthly reimb.	$ 70.22	reimb at .655 per mile												
117	Layton, Theresa	$ -	N/A at this time	$ 5.63	reimb at .655 per mile												
118	Coker, Amanda	$ -	N/A at this time	$ 8.78	reimb at .655 per mile												
279	Alfaro, Ashley						reimb at .655 per mile			$ -		$ -		$ -		$ -	
240	Burgess, Brandon						reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
249	Curiel, Monica					$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
278	Denberger, Kaylee						reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
276	Fernandez, Alicia						reimb at .655 per mile	$ -		$ -				$ -		$ -	
270	Holguin, Luis					$ -	reimb at .655 per mile	$ -		$ -				$ -		$ -	
260	Jimenez, George					$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
267	Jones, Jacob					$ -	reimb at .655 per mile			$ -		$ -		$ -		$ -	
256	Mercado, William					$ 13.30	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
257	Moreno, Daniel						reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
277	Quinones, Azucena					$ -	reimb at .655 per mile	$ -		$ -				$ -		$ -	
230	Salcido, James					$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
214	Sotomayor, Roberto					$ -	reimb at .655 per mile	$ -		$ -				$ -		$ -	
220	Taylor, Judith					$ 23.45	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
254	Bojalad-Dean, Maia						reimb at .655 per mile			$ -		$ 40.00	Fitness watch			$ -	
239	Kleinrock, Scott					$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
202	Schroeder, David W					$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
269	Rodriguez Pinto, Laura					$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
253	Willis, Elizabeth					$ -	reimb at .655 per mile	$ -		$ -		$ -		$ -		$ -	
	Totals:	*$ 772.22*		*$ 136.52*		*$ 36.75*		*$ -*		*$ -*		*$ 40.00*		*$ -*		*$ -*	

CHINO BASIN Water Conservation District

ITEM NO. 6

APPROVE FISCAL YEAR 23-24 1ST QUARTER (Q1) FINANCIAL REPORT

CHINO BASIN Water Conservation District

CBWCD
Statement of Financial Status
September 30, 2023

The following unaudited reports have been prepared as of the close of the first quarter of the fiscal year ended September 30, 2023:

1 Cash and Investments as of September 30, 2023

2 Balance Sheet as of September 30, 2023

3 Budget to Actual Comparison for the first quarter of Fiscal Year 2023/24

4 District Capital Project Expenses for the first quarter of Fiscal Year 2023/24

Based on the review and analysis of the above reports, it is anticipated that the District will have sufficient funds on hand to meet expenditure requirements over the next 6 months.

Elizabeth Willis, General Manager

CHINO BASIN Water Conservation District

CBWCD
Cash & Investments (Unaudited)
As of September 30, 2023

	Type	Rate	Cost	Market	% Total C&I
District Cash & Investments					
Unrestricted					
Wells Fargo (General)	Checking	N/A	$ 247,922	$ 247,922	1.96%
Wells Fargo (Petty Cash)	Checking	N/A	701	701	0.01%
Local Agency Investment Fund (LAIF)	Investment	3.534%	10,062,363	9,924,586	78.33%
CalTRUST	Investment	3.940%	2,405,489	2,425,947	19.15%
Total Unrestricted			12,716,475	12,599,156	99.44%
Restricted					
Pension Trust	Trust	N/A	71,091	71,091	0.56%
Total Restricted			71,091	71,091	0.56%
Total District Cash & Investments			**$ 12,787,566**	**$ 12,670,247**	**100.00%**

**No investments were made pursuant to the State of California Government Code Sections 53600 et.seq. (Government Code 53601 itemizes prohibited investments). All investments were made pursuant to the District's Investment Policy and Investment Guidelines and Restrictions.*

CHINO BASIN Water Conservation District

CBWCD
Balance Sheet (Unaudited)
As of September 30, 2023

1	**ASSETS**		
2	Cash & Investments		
3	Checking Accounts	$	248,774
4	Local Agency Investment Fund (LAIF)		10,062,363
5	CalTrust		2,425,947
6	Pension Trust		71,091
7	Fair Market Value Adjustments		(163,571)
8	Total Cash & Investments		12,644,603
9	Other Current Assets		
10	Inventory & Prepaids		25,022
11	Accounts Receivable		934
12	Interest Receivable		94,773
13	Total Other Current Assets		120,729
14	Fixed Assets		
15	Buildings & Fixtures		10,561,572
16	Land		5,986,121
17	Garden & Hardscape		1,546,394
18	Vehicles & Implements		214,768
19	Office Furniture & Equipment		158,242
20	Construction in Process		16,708
21	Accumulated Depreciation		(4,188,509)
22	Total Fixed Assets (Net)		14,295,296
23	Right-to-Use Assets		26,101
24	Deferred Outflows of Resources (DOR)		1,770,948
25	**TOTAL ASSETS**	**$**	**28,857,678**
26	**LIABILITIES**		
27	Current Liabilities		
28	Accounts Payable & Accrued Expenses	$	79,064
29	Vacation Payable		67,774
30	Payroll & Retirement Liabilities		62,525
31	Miscellaneous Deposits		1,400
32	Total Current Liabilities		210,764
33	Lease Liabilities		25,693
34	Deferred Inflows of Resources - DIR		1,059,359
35	Net Pension Liability		1,213,543
36	**TOTAL LIABILITIES**		**2,509,359**
37	**FUND BALANCE**		
38	Non-Spendable		14,345,546
39	Assigned		8,089,467
40	Unassigned		3,913,305
41	**TOTAL FUND BALANCE**		26,348,319
42	**TOTAL LIABILITIES & FUND BALANCE**	**$**	**28,857,678**

No assurance provided on these financial statements. The financial statements do not include a statement of cash flows. Substantially all disclosures required by accounting principles generally accepted in the U.S. not included.

CHINO BASIN Water Conservation District

CBWCD
Budget to Actual (Unaudited)
For the Period July 1, 2023 through September 30, 2023

		Q1 YTD	Adopted Budget	(Under) / Over Budget	25%
1	**REVENUE**				
2	Property Tax & Assessment Revenue	$ -	$ 2,803,400	$ (2,803,400)	0%
3	Redevelopment Agency ABX 126	-	1,267,100	(1,267,100)	0%
4	Interest Income	121,053	221,700	(100,647)	55%
5	Miscellaneous Income	10,557	35,500	(24,943)	30%
6	**TOTAL REVENUE**	**131,610**	**4,327,700**	**(4,196,091)**	**3%**
7	**EXPENSE**				
8	**Salaries & Benefits**				
9	Employee Wages-Salary	166,582	645,300	(478,718)	26%
10	Employee Wages-Hourly	198,142	833,100	(634,958)	24%
11	Employee Wages - Interns	16,900	72,000	(55,100)	23%
13	Health (Medical/Dental/Vision/Life/Disability)	79,024	257,600	(178,577)	31%
14	Payroll Taxes	30,356	125,900	(95,544)	24%
15	CalPERS Retirement	32,454	130,100	(97,646)	25%
16	CalPERS Unfunded Actuarial Liability Payment	41,286	48,900	(7,614)	84%
17	Education, Training & Travel	6,278	48,100	(41,822)	13%
18	**Total Salaries & Benefits**	571,021	2,161,000	(1,589,979)	26%
19	**General & Administrative**				
20	Legal	33,930	50,000	(16,070)	68%
21	Engineering	1,000	10,000	(9,000)	10%
22	Audit & Accounting	22,111	80,000	(57,889)	28%
23	General Consulting	17,663	131,000	(113,337)	13%
24	Insurance	20,895	93,000	(72,105)	22%
26	Board of Directors	21,964	113,100	(91,136)	19%
27	Dues & Subscriptions	11,873	45,200	(33,327)	26%
28	Office Utilities	12,229	39,500	(27,271)	31%
29	Agenda Management Software	-	12,000	(12,000)	0%
30	Computer/Information Technology Support	13,556	43,700	(30,144)	31%
31	Office Equipment & Supplies	15,802	50,100	(34,298)	32%
32	Telecommunications	4,260	19,500	(15,240)	22%
31	Maintenance/Janitorial	3,165	17,300	(14,135)	18%
32	Banking, Payroll & Collection Fees	1,463	22,700	(21,237)	6%
33	Recruitment	707	5,000	(4,293)	14%
34	**Total General & Administrative**	180,618	732,100	(551,482)	25%
35	**Facilities & Operations**				
36	Basin Percolation Maintenance	-	101,000	(101,000)	0%
37	Landscape & Irrigation	7,835	75,100	(67,265)	10%
38	Fencing	4,828	42,000	(37,172)	11%
39	Structural Maintenance	14,075	42,000	(27,925)	34%

No assurance provided on these financial statements. The financial statements do not include a statement of cash flows. Substantially all disclosures required by accounting principles generally accepted in the U.S. not included.

CHINO BASIN Water Conservation District

CBWCD
Budget to Actual (Unaudited)
For the Period July 1, 2023 through September 30, 2023

		Q1 YTD	Adopted Budget	(Under) / Over Budget	25%
40	Signage	1,530	4,500	(2,970)	34%
41	Hardscape	-	9,200	(9,200)	0%
42	Facilities	356	10,000	(9,644)	4%
43	Equipment and Vehicles	2,218	33,200	(30,982)	7%
44	Uniforms	2,143	10,700	(8,557)	20%
45	Weed Abatement & Pest/Critter Control	4,496	38,200	(33,704)	12%
46	Trash Cleanup & Disposal	2,120	15,000	(12,880)	14%
47	Utilities, Permits, Fees & Miscellaneous	939	14,000	(13,061)	7%
48	**Total Facilities & Operations**	40,540	394,900	(354,360)	10%
49	**Public Relations/Education**				
50	District Events	12,925	59,000	(46,075)	22%
51	School Tours	218	40,000	(39,782)	1%
53	Advertising & Strategic Communications	13,897	63,300	(49,403)	22%
54	Web Design and Maintenance	1,255	29,000	(27,745)	4%
55	Public Education/Workshops	2,010	20,000	(17,990)	10%
56	Community Sponsorships	2,500	2,500	-	100%
57	Youth Program Supplies	589	1,500	(911)	39%
58	Informational Materials	2,673	3,000	(327)	89%
59	Supplies/Giveaways	214	10,000	(9,786)	2%
60	**Total Public Relations/Education**	36,281	228,300	(192,019)	16%
61	Capital Expenses	19,944	541,200	(521,256)	4%
62	CalPERS Pension Trust Contribution	-	100,000	(100,000)	0%
63	**TOTAL EXPENSES**	**$ 848,404**	**$ 4,157,500**	**$ (3,309,096)**	**20%**
64	**NET REVENUE / (EXPENSES)**	**$ (716,794)**	**$ 170,200**	**$ (886,994)**	

No assurance provided on these financial statements. The financial statements do not include a statement of cash flows. Substantially all disclosures required by accounting principles generally accepted in the U.S. not included.

CHINO BASIN Water Conservation District

CBWCD
Capital Projects (Unaudited)
For the Period July 1, 2023 through September 30, 2023

		Q1 YTD	Adopted Budget	(Under) / Over Budget	0.25
1	**DISTRICT CAPITAL PROJECTS**				
2	Major Structural Failures	$ -	$ 100,000	$ (100,000)	0%
3	Permanent Signage - Interpretive and Other	2,451	30,000	(27,549)	8%
4	Truck	-	65,000	(65,000)	0%
5	Ely Basin No. 3 - Asphalt Driveway	-	20,000	(20,000)	0%
6	Amphitheatre Roof and Upgrades	-	262,000	(262,000)	0%
7	College Heights - Iron Fencing	-	15,000	(15,000)	0%
8	Waterwise Community Center Upgrades	1,942	-	1,942	N/A
9	Lobby Displays	3,500	-	3,500	N/A
10	Montclair Basin No. 4 Fence	7,850	-	7,850	N/A
11	Drinking Fountain	4,200	-	4,200	N/A
12	Contingency Funding (10% of Capital Projects)	-	49,200	(49,200)	0%
13	**CAPITAL EXPENDITURES TOTAL**	**$ 19,944**	**$ 541,200**	**$ (521,256)**	**4%**

No assurance provided on these financial statements. The financial statements do not include a statement of cash flows. Substantially all disclosures required by accounting principles generally accepted in the U.S. not included.

California State Treasurer
Fiona Ma, CPA

Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

October 02, 2023

LAIF Home
PMIA Average Monthly Yields

CHINO BASIN WATER CONSERVATION DISTRICT

SECRETARY/MANAGER
4594 SAN BERNARDINO STREET
MONTCLAIR, CA 91763

Tran Type Definitions

Account Number: 90-36-028

September 2023 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
9/25/2023	9/25/2023	RW	1738895	N/A	ELIZABETH SKRZAT	-250,000.00

Account Summary

Total Deposit:	0.00	Beginning Balance:	10,312,362.59
Total Withdrawal:	-250,000.00	Ending Balance:	10,062,362.59

PMIA/LAIF Performance Report as of 10/18/23

Quarterly Performance Quarter Ended 09/30/23

LAIF Apportionment Rate[2]:	3.59
LAIF Earnings Ratio[2]:	0.00009812538629360
LAIF Administrative Cost[1]*:	0.29
LAIF Fair Value Factor[1]:	0.986307739
PMIA Daily[1]:	3.48
PMIA Quarter to Date[1]:	3.42
PMIA Average Life[1]:	256

PMIA Average Monthly Effective Yields[1]

September	**3.534**
August	3.434
July	3.305**
June	3.167
May	2.993
April	2.870

Pooled Money Investment Account Monthly Portfolio Composition [1] 09/30/23 $156.4 billion

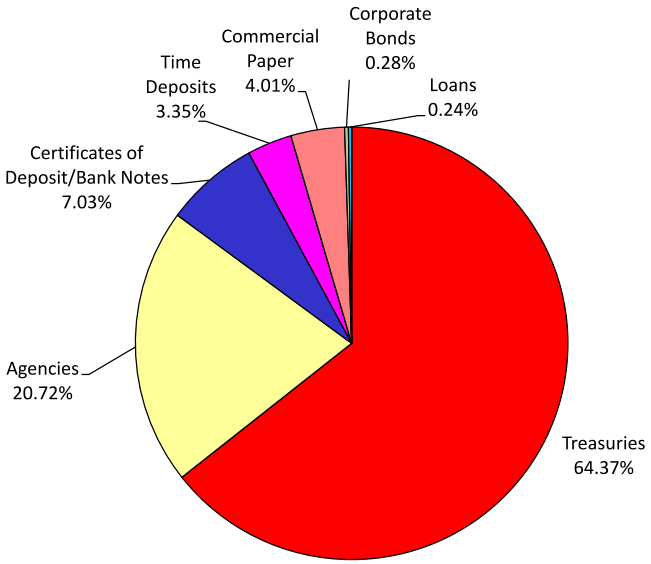


Chart does not include $2,444,000.00 in mortgages, which equates to 0.002%. Percentages may not total 100% due to rounding.

Daily rates are now available here. **View PMIA Daily Rates**

Notes: The apportionment rate includes interest earned on the CalPERS Supplemental Pension Payment pursuant to Government Code 20825 (c)(1) and interest earned on the Wildfire Fund loan pursuant to Public Utility Code 3288 (a).

**The percentage of administrative cost equals the total administrative cost divided by the quarterly interest earnings. The law provides that administrative costs are not to exceed 5% of quarterly EARNINGS of the fund. However, if the 13-week Daily Treasury Bill Rate on the last day of the fiscal year is below 1%, then administrative costs shall not exceed 8% of quarterly EARNINGS of the fund for the subsequent fiscal year.*

*** Revised*

Source:
[1] State of California, Office of the Treasurer
[2] State of Calfiornia, Office of the Controller

CalTRUST
PO Box 2709
Granite Bay, CA 95746
www.caltrust.org
Email: admin@caltrust.org
Fax: 402-963-9094
Phone: 833-CALTRUST (225-8787)

Investment Account Summary

09/01/2023 through 09/30/2023

SUMMARY OF INVESTMENTS

Fund	Account Number	Total Shares Owned	Net Asset Value per Share on Sep 30 ($)	Value on Sep 30 ($)	Average Cost Amount ($)	Cumulative Change in Value ($)
CHINO BASIN WATER CONSERVATION DISTRICT	**20100003510**					
CalTRUST Short Term Fund	20100003510	242,594.690	10.00	2,425,946.90	2,405,489.09	20,457.81
	Portfolios Total value as of 09/30/2023			**2,425,946.90**		

DETAIL OF TRANSACTION ACTIVITY

Activity Description	Activity Date	Amount ($)	Amount in Shares	Balance in Shares	Price per Share ($)	Balance ($)	Average Cost Amt ($)	Realized Gain/(Loss) ($)
CalTRUST Short Term Fund			**CHINO BASIN WATER CONSERVATION DISTRICT**				**Account Number: 20100003510**	
Beginning Balance	09/01/2023			241,676.353	10.01	2,419,180.29		
Accrual Income Div Reinvestment	**09/29/2023**	**9,183.37**	**918.337**	**242,594.690**	**10.00**	**2,425,946.90**	**0.00**	**0.00**
Change in Value						(2,416.76)		
Closing Balance as of	**Sep 30**			**242,594.690**	**10.00**	**2,425,946.90**		

Please note that this information should not be construed as tax advice and it is recommended that you consult with a tax professional regarding your account.

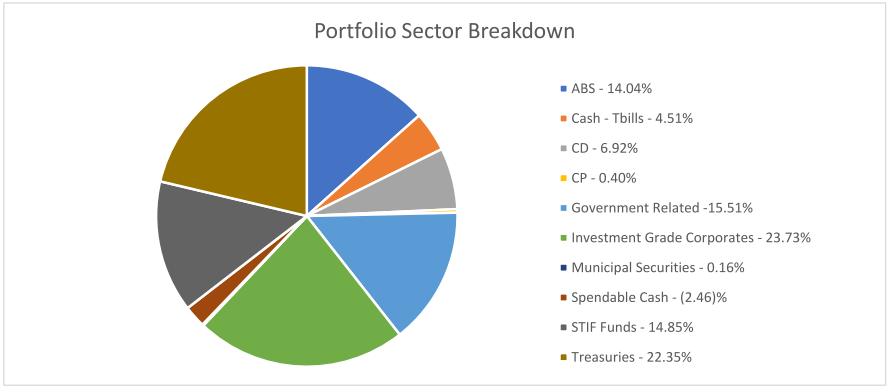
CalTRUST Short Term Fund
Month End Portfolio Statistics
September 30, 2023

	CalTRUST Short Term	LAIF
Net Assets	$1,259,014,132.16	N/A
NAV per Share	$10.00	N/A
30 day SEC Yield	5.19%	N/A
Distribution Yield	4.78%	N/A
Period Net Total Return	0.28%	0.29%
Effective Duration	0.68 yrs	N/A
Average Maturity	0.95 Yrs	N/A yrs **
Weighted Average Life	0.92 yrs	N/A yrs **

** LAIF data not available

	CalTRUST Short Term Net Total Return	CalTRUST Short Term Yield	LAIF Yield
One Month	0.28%	0.39%	0.29%
Three Month	1.20%	1.21%	0.87%
Six Month	2.27%	2.28%	1.62%
One Year*	4.25%	3.94%	2.79%
Two Year*	1.87%	2.33%	1.70%
Three Year*	1.32%	1.66%	1.26%
Five Year*	1.77%	1.79%	1.54%
Ten Year*	1.29%	1.32%	1.12%
Since Inception*	1.72%	1.72%	1.60%

*Annualized



Rated AAf by S&P Global Ratings

CEPPT Account Update Summary

Chino Basin Water Conservation District

as of September 30, 2023

CalPERS

CEPPT Account Summary

As of September 30, 2023	Strategy 1	Strategy 2	Total
Initial contribution (07/26/2021)	$0	$19,815	$19,815
Additional contributions	$0	$59,446	$59,446
Disbursements	$0	$0	$0
CEPPT expenses	$0	($305)	($305)
Investment earnings	$0	($7,865)	($7,865)
Total assets (07/26/2021-09/30/2023 = 2.18 years)	$0	$71,091	$71,091

CEPPT/CERBT Investment Returns Outperform Benchmarks

Periods Ended August 31, 2023

Fund	Assets	1 Month	3 Months	FYTD	1 Year	3 Years	5 Years	10 Years	ITD
CERBT Strategy 1 (Inception June 1, 2007)	$15,284,492,297	-2.43%	3.97%	0.33%	4.78%	3.02%	4.86%	6.21%	4.93%
Benchmark		-2.45%	3.90%	0.30%	4.59%	2.82%	4.61%	5.86%	4.53%
CERBT Strategy 2 (Inception October 1, 2011)	$1,845,156,567	-2.18%	2.45%	-0.20%	2.21%	0.70%	3.70%	5.04%	5.96%
Benchmark		-2.19%	2.41%	-0.21%	2.07%	0.56%	3.53%	4.74%	5.69%
CERBT Strategy 3 (Inception January 1, 2012)	$777,279,443	-1.96%	1.36%	-0.53%	0.39%	-0.62%	2.90%	4.10%	4.42%
Benchmark		-1.96%	1.32%	-0.55%	0.28%	-0.71%	2.77%	3.81%	4.15%
CERBT Total	**$17,906,928,307**								
CEPPT Strategy 1 (Inception October 1, 2019)	$128,316,243	-1.83%	2.47%	0.04%	3.99%	1.10%	-	-	3.09%
Benchmark		-1.88%	2.41%	0.00%	3.74%	0.89%	-	-	2.98%
CEPPT Strategy 2 (Inception January 1, 2020)	$45,226,251	-1.36%	0.99%	-0.25%	1.87%	-1.47%	-	-	0.26%
Benchmark		-1.39%	0.95%	-0.30%	1.80%	-1.59%	-	-	0.14%
CEPPT Total	**$173,542,494**								

CEPPT Portfolios

2022 Capital Market Assumptions	CEPPT Strategy 1	CEPPT Strategy 2
Expected Return	4.5%	3.5%
Risk	8.8%	6.1%

CEPPT Portfolio Details

Asset Classification	Benchmark	CEPPT Strategy 1	CEPPT Strategy 2
Global Equity	MSCI All Country World Index IMI (Net)	37% ±5%	21% ±5%
Fixed Income	Bloomberg U.S. Aggregate Bond Index	44% ±5%	61% ±5%
Global Real Estate (REITs)	FTSE EPRA/NAREIT Developed Liquid Index (Net)	14% ±5%	9% ±5%
Treasury Inflation Protected Securities (TIPS)	Bloomberg US TIPS Index, Series L	5% ±3%	9% ±3%
Cash	91-Day Treasury Bill	0% +2%	0% +2%

Total Participation Cost Fee Rate

- Total all-inclusive cost of participation
  - Combines administrative, custodial, and investment fees
  - Separate trust funds
  - Self-funded, fee rate may change in the future
  - Fee is applied daily to assets under management
    - 10 basis points - CERBT
    - 25 basis points - CEPPT

CEPPT/CERBT Consistently Low Fee Rate History

Fiscal Year	CERBT	CEPPT
2007-2008	2.00 basis points	-
2008-2009	6.00 basis points	-
2009-2010	9.00 basis points	-
2010-2012	12.00 basis points	-
2012-2013	15.00 basis points	-
2013-2014	14.00 basis points	-
2014-2019	10.00 basis points	-
2019-2023	10.00 basis points	25.00 basis points

632 Prefunding Program Employers

605 CERBT and 92 CEPPT

- State of California
- 160 Cities or Towns
- 10 Counties
- 83 School Employers
- 32 Courts
- 345 Special Districts and other Public Agencies
    - (106 Water, 36 Sanitation, 34 Fire, 26 Transportation)

Questions? Where to Get Trust Fund Information?

Name	Title	E-mail	Desk	Mobile
Darren Lathrop	Outreach & Support Manager	Darren.Lathrop@calpers.ca.gov	(916) 795-0751	(916) 291-0391
Lee Lo	Outreach & Support Analyst	Lee.Lo@calpers.ca.gov	(916) 795-4034	(916) 612-4128
Therese Luo	Outreach & Support Analyst	Therese.Luo@calpers.ca.gov	(916) 795-2983	(916) 213-2879
Colleen Cain-Herrback	Administration & Reporting Program Manager	Colleen.Cain-Herrback@calpers.ca.gov	(916) 795-2474	(916) 505-2506
Vic Anderson	Administration & Reporting Manager	Victor.Anderson@calpers.ca.gov	(916) 795-3739	(916) 281-8214
Robert Sharp	Assistant Division Chief	Robert.Sharp@calpers.ca.gov	(916) 795-3878	(916) 397-0756

Program E-mail Addresses	Prefunding Programs Webpages
CEPPT4U@calpers.ca.gov – Questions & Document Submittal	www.calpers.ca.gov/CEPPT
CERBT4U@calpers.ca.gov – Questions & Document Submittal	www.calpers.ca.gov/CERBT
CERBTACCOUNT@calpers.ca.gov – Online Record Keeping System	www.your-fundaccount.com/calpers

CHINO BASIN Water Conservation District

ITEM NO. 7

STAFF REPORT
BOARD OF DIRECTORS REGULAR MEETING

DATE: December 11, 2023

FROM: Elizabeth Willis, General Manager

BY: Elizabeth Willis, General Manager
Robert C. Wagner, P.E, President, Wagner & Bonsignore

SUBJECT: **BRIEFING ON THE PROPOSED 2018 CONFLUENCE REGIONAL WATER RESOURCE PROJECT**

RECOMMENDATION

It is recommended that the Board of Directors receive and file the briefing on the proposed 2018 Confluence Regional Water Resource Project and provide feedback to staff.

BACKGROUND

The Chino Basin Water Conservation District completed the purchase of the Confluence Project property in March of 2018 for a purchase price of $4.5 million.

On October 8, 2018, the Board of Directors approved authorizing the Executive Director to negotiate with Wagner & Bonsignore on the price and scope of professional services for the Confluence Project for a total amount not to exceed $375,000 for civil engineering, hydrology, water quality, and environmental review professional services.

On November 13, 2018, the Board approved proceeding with the initial environmental review by Tom Dodson & Associates and Right-of-Way evaluation, prior to proceeding with the 10% design level.

On December 10, 2018, the Board approved the Agreement between Wagner & Bonsignore and Mojave Resources Management, LLC to perform Right-of-Way and Access Investigations for the Confluence Project at an amount not to exceed $20,000.

On January 14, 2019, the Board authorized an agreement between Wagner & Bonsignore and Tom Dodson & Associates for Environmental Review Services in an amount not to exceed $35,000.

On January 16, 2019, staff and Mojave Resources Management, LLC met with the San Bernardino Flood Control District (SBFCD) to discuss and investigate Rights-of-Way for the Confluence

Project. SBFCD indicated that due to regulations, they may not provide easements to their 27 parcels of land without receiving compensation at fair market value.

On February 8, 2019, the Recharge Committee reviewed the results of the Right-of-Way analysis from Mojave Resources Management.

On January 29, 2021, the Recharge Committee reviewed the project as a whole and voted to recommend to the Board that the pipeline project should be halted and that the District should keep the property for potential future use or potential future sale.

On March 8, 2021, the Board of Directors heard a report from Bob Wagner of Wagner & Bonsignore on the project and chose not to move forward with the proposed project at that time, and to keep the Confluence Property for either a future project or future sale.

On October 9, 2023, a Board Member asked for a report on project as originally proposed to be given to the Board considering the presence of three new Board Members.

DISCUSSION/ANALYSIS

Percolation: The Chino Basin Watermaster engaged Ramboll to complete a geophysical investigation at four different sites in the Chino Basin area **(ATTACHMENT 1)**. The purpose was to map the variability of the near surface geology at each of the sites, including the Confluence site, the Fontana Vulcan pit, the Jurupa Basin, and portions of the Wineville basin. The data collected describes geological variations from the surface to a depth of 24 feet below the ground surface. Ramboll found that at the 23.8-acre Confluence site, the central and south-eastern areas have the highest relative resistivity within the upper 15 feet below ground surface. Resistivity lowers at 18 feet below ground surface. Moderate to higher permeability sediments may be present at 15 feet or less below ground surface. However, these depths would be excavated as part of the basin building process, leaving the lower resistivity, or less permeable, soils below. The basement rock was not encountered in the ERT (Electrical Resistivity Tomography) data indicating the depth to bedrock is below 175 feet below ground surface.

Design: If the Board is interested in moving forward with building the Confluence Project, the next step in the process would be hiring Wagner & Bonsignore to complete the preliminary engineering design of the Confluence Regional Water Resource Project, to an approximate 30-percent design level, the total cost of which were estimated in 2021 at **$375,000 (ATTACHMENT 2).**

The total estimate includes the following:

1.	Project Coordination		$20,000
2.	Environmental		$85,000
3.	Hydrology		$35,000
4.	Water Conservation System Design		$190,000
	a. Reservoir & Channel Diversion Facilities	$50,000	
	b. Conveyance Pipeline	$75,000	
	c. Pumping Facilities	$65,000	
5.	Water Quality Improvement System Design		$15,000
6.	Project Design Deliverables		$30,000
			$375,000

Permitting: The Confluence Project would require the following permits from the U.S. Army Corps of Engineers (USACE):

- Permit 401 – Water Quality Certification *(may be required)*.
- Permit 404 – the Clean Water Act enables the Army Corps to grant permits for certain activities within waterways and wetlands. Construction projects affecting wetlands in any state cannot proceed until a 404 permit has been issued.
- Permit 408 – provides that USACE may grant permission for another party to alter a Civil Works project upon a determination that the alteration proposed will not be injurious to the public interest and will not impair the usefulness of the Civil Works project. This permit has an approximate processing time of 18-24 months.
- Permit 1602 – Streambed Alteration.

The Army Corps will not answer specific questions on the project unless or until applications for permits are filed.

Right-of-Way: During the initial Right-of-Way analysis and review **(ATTACHMENT 3)**, 300 parcels were identified along the route. SBFCD has fee-title to approximately 27 parcels. Subject to final approval, the Flood Control District originally indicated a willingness to provide easements for the project, however, due to SBFCD regulations, the District must compensate SBFCD the current fair market value for each parcel that will require an easement.

The majority of the parcels along the San Antonio Creek Channel, between the Confluence Project and the Montclair Basins, are privately owned, which will require parcel-by-parcel negotiations and compensation to obtain those easements. The District will need to perform a title search on each parcel to determine the extent of the easement rights and to determine if existing easements explicitly contain language that will prevent the Project. Based on estimates received by several title companies in 2019, the cost was estimated between **$120,000 and $225,000 for the title reports**. The timeframe to obtain the title reports and the analysis ranges from 4-8 months, depending on the complexity. This cost does not include the purchase price of the up to 300 easements **(ATTACHMENT 4)** that would need to be negotiated or the cost of staff time on the project, or compensation for a real estate firm to assist with the process.

Environmental Study: On January 14, 2019, the Board approved engaging Tom Dodson & Associates (TDA) to conduct an environmental study to address two important issues: (1) how much water is available at the project site? And (2) what species are important in the Chino and Prado Basins? **(ATTACHMENT 5)**. To answer the first question, TDA engaged Wildermuth Environmental Inc. (WEI). Wildermuth used existing surface flow data from the U.S. Geological Survey monitoring stations along Chino Creek and San Antonio Creek from October 1988 through September 2019 and developed a combination of flow duration curves and annual discharge over that period. The analysis showed that assuming an annual diversion rate of 1,613 acre-feet, the project would divert 32 percent or more of the flows during the 15 low flow years identified during the 30+ year span of the study. TDA acknowledged that this would be a substantial percentage of annual flows and raises the question of whether diversions could be maintained during low flow years.

In answering the second question pertaining to threatened or endangered species that might be impacted, TDA referenced the Valley District's Habitat Conservation Plan, which is a collaboration of several different water districts to address habitat protection for key threatened and endangered species in the Upper Santa Ana watershed. TDA identified the following species as requiring further study to understand possible risk and mitigation measures:

- Yellow Billed Cuckoo
- Arroyo Chub
- Least Bell's Vireo
- Santa Ana Sucker
- South Coast Garter Snake
- Southwestern Willow Flycatcher
- Tricolored Blackbird
- Yellow Breasted Chat
- Western Pond Turtle

TDA notes that of the 19 species of concern in the Prado Basin, eight may incur substantial adverse effects from implementing the Confluence Project, mainly due to diverting flows from the Chino Creek.

Cost: In November of 2018, Robert Wagner gave a presentation to the Board in which he estimated the total cost of building the reservoir, pumping station, and pipeline to be approximately $16.9 million - $21.3 million. He also estimated that the costs for operation and maintenance and energy would be between $160-$198 per-acre-foot of total conservation, or approximately $250,080 - $319,374 annually.

Thus far, the District has spent approximately $5 million on the purchase of the property and associated studies. Costs include:

Property Purchase	$4,500,000.00
Escrow / Commission	$192,080.29
Legal Fees	$16,310.00
Engineering Fees	$285,761.35
Environmental Fees	$8,200.00
Geophysical Fees	$20,400.00
County Fees	$164.00
Postal Fees	$6.70
Total	$5,022,922.34

FISCAL IMPACT

Potential fiscal impact is highly variable. In March of 2021, the cost of a pumping project was estimated at $21.3 million or higher, which does not include maintenance costs over time, which were estimated to be at least $250,080 annually, not including District personnel costs. Moving forward with the project would require incurring additional costs in consulting fees, real estate transactions, and potentially personnel costs in the form of additional staff to run, operate and maintain the infrastructure.

ATTACHMENT(S)

1. Ramboll Study – Geophysical Investigation at Infiltration Sites, DUALEM and ERT
2. Wagner & Bonsignore Memo Re: Scope of Work & Cost Estimate for Preliminary Engineering Design of Confluence Regional Water Resource Project – October 23, 2018
3. Mojave Resources Management Memo Dated January 17, 2019
4. Mojave Resources Management Parcel Map
5. Tom Dodson & Associates – DRAFT Confluence Regional Water Resource Project: Biological and Hydrology Constraints Analysis
    a. MEMORANDUM – Confluence Regional Water Resources Project Preliminary Environmental Assessment, August 26, 2019
    b. DRAFT TECHNICAL MEMORANDUM – Hydrologic evaluation of the proposed Confluence Project, January 9, 2020
    c. Maps of Endangered Species Located in Prado Basin and Chino Groundwater Basin Habitat Conservation Plan
    d. U.S. Fish & Wildlife Service Focused report for the Project site and pipeline alignment
    e. Maps Depicting the project site and proposed pipeline alignment from the Project Site to the Montclair Basins
    f. Fish & Wildlife Coordination Act
6. Minutes for the March 8, 2021, Chino Basin Water Conservation Regular Board Meeting and Minutes for the January 29, 2021, Recharge Committee Meeting

ATTACHMENT 1

Intended for

Chino Basin Watermaster (CBWM)
Chino Basin Water Conservation District (CBWCD)
Inland Empire Utilities Agency (IEUA)

Document type

Data Report

Date

February 2019

GEOPHYSICAL INVESTIGATION AT INFILTRATION SITES DUALEM AND ERT

RAMBOLL

GEOPHYSICAL INVESTIGATION AT INFILTRATION SITES
DUALEM AND ERT

Revision	**1**
Project	**1690010696**
Date	**2019-02-04**
Made by	**Ryan Alward, Peter Thomsen and Max Halkjær**
Checked by	**Max Halkjær**
Approved by	**Ryan Alward**
Description	**Geophysical investigation at four sites in Chino Basin – DUALEM and ERT**

Version 1.0

Ramboll
1201 K Street
Suite 1201
Sacramento, CA 95814
T +1 916 793 7744
www.ramboll.com

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ABBREVIATIONS

ATV	All-Terrain Vehicle
BGS	Below Ground Surface
DC	Direct Current
DGPS	Differential Global Positioning System
DUALEM	Dual Electro Magnetic
EM	Electro-Magnetic
ERT	Electrical Resistivity Tomography
Feet	Feet
GCM	Ground Conductivity Meter
GPS	Global Positioning System
HCP	Horizontal Co-Planar geometry
Hz	Hertz
M	Meter
NAD83	North American Datum 1983
PRP	Perpendicular geometry
QC	Quality Control
SCI	Spatially Constrained Inversion
UTM	Universal Transverse Mercator

Chino Basin Watermaster
9641 San Bernardino Road
Rancho Cucamonga, CA 91730
Attention: Mr. Edgar Tellez Foster

GEOPHYSICAL INVESTIGATION AT INFILTRATION SITES - DUALEM AND ERT

Dear Mr. Edgar Tellez Foster:

Ramboll is pleased to submit this report of the Geophysical Study conducted for the Chino Basin Watermaster (CBWM), Chino Basin Water Conservation District (CBWCD) and the Inland Empire Utilities Agency (IEUA). Ramboll has completed a detailed geophysical investigation to assess the variations in geology and the sediments at specific detention basins and potential infiltration sites within the Groundwater Basin 8-002.01 Upper Santa Ana Valley -Chino.

The purpose of the project was to evaluate four (4) sites for their potential to infiltrate surface water for groundwater recharge. On each of the four sites we performed an investigation using the DUALEM ground conductivity meter. At one site, the Confluence site, we utilized the DUALEM and the electrical resistivity tomography (ERT) to further assess the subsurface lithology and assess the depth to bedrock.

We appreciate the staff from the CBWM, CBWCD and IEUA for their support during the field operation. It has been a pleasure to conduct the study, and we will remain available at your convenience to discuss this report or to answer any questions.

Sincerely,

2/4/2019

Ramboll
1201 K Street
Suite 1201
Sacramento, CA 95814
USA

https://ramboll.com

Ryan Alward, PG, C.Hg
Senior Hydrogeologist
Water Resources

M +1 916 7937744
ralward@ramboll.com

Max Halkjær, M.Sc.
Geophysicist

D +45 51612960
MAXH@ramboll.com

1. EXECUTIVE SUMMARY

A total of four sites were investigated during the period from October 22nd to October 28th, 2018. Detailed geophysical data were collected, and a geophysical resistivity model was established for each site. The data describes geological variations from the surface to a depth of 24 feet below ground surface (bgs). Based on the calculated resistivities, the potential for infiltration of water is assessed. Higher resistivities indicate the potential for coarser sediments that would be more permeable. Low resistivities indicate sediments that may consist of finer clay and silt which would have lower permeabilities.

At the 23.8 acre Confluence site, the central and the south-eastern areas of the site have the highest relative resistivity is found within the upper 15 feet bgs based on the DUALEM results. This indicates moderate to high permeability sediments may be present at these depths. The basement rock was not encountered in the ERT data indicating the depth to bedrock is below about 175 feet bgs.

In the 56.9 acre Fontana Vulcan Pit, we observed that the potential subsurface sediments vary from low-permeability sediments primary in the eastern part to highly resistive and hence more permeable sediments in the western and northern part of the pit. Based on depth interval 3-5 feet bgs and the model section, a thin low resistivity layer covers most of the southeastern portion of the Pit where the 1-acre infiltration basin was created. The remainder of the basin appears to be much more conducive to recharge. Future infiltration testing should be conducted in the western portion of the basin to more accurately characterize the infiltration potential of the basin.

The 39.5 acre Jurupa Basin appears to have highly resistive sediments in the top three feet, except for the area around the access road in the north-east corner. With depth, the western portion and eastern portion of the basin consist of relatively low resistivity sediments, indicating that these sediments are mostly low permeability. The results indicate the infiltration is limited to the central part of the basin, except for a portion of the northeastern portion of the basin below about 12-feet bgs.

Portions of the central part of the 74.1 acre Wineville basin have relatively low resistivities, while the east and west sides of the basin have relatively high resistivity from three to 12 feet bgs. Below 12 feet bgs, much of the site that was evaluated appears to consist of mostly highly resistive sediments that may be higher permeability sediments.

2. SCOPE OF WORK AND AREAS OF INTEREST

Ramboll of Sacramento, California was hired to perform a geophysical investigation at four different sites in the Chino Basin area of Southern California. The purpose of the work was to map the variability of the near surface geology at each of the selected sites. Geophysics was used to map the electrical resistivity of the sediments. The project consisted of using the DUALEM ground conductivity meter (GCM) at each of the four sites. In addition, electrical resistivity tomography (ERT) was used at the Confluence site. The project was a collaborative effort involving three stakeholders: Chino Basin Watermaster (CBWM), Chino Basin Water Conservation District (CBWCD), and the Inland Empire Utilities Agency (IEUA).

2.1 Areas of interest

Prior to Ramboll performing the field work, a precipitation event created conditions at the Montclair 4 basin, which made the basin too saturated to be surveyed with the geophysical instrumentation. The CBWM and IEUA decided to perform a survey in the Jurupa basin instead of the Montclair 4 basin. The location of the four different sites, all located within the Chino Basin area, California, are shown on Figure 1.

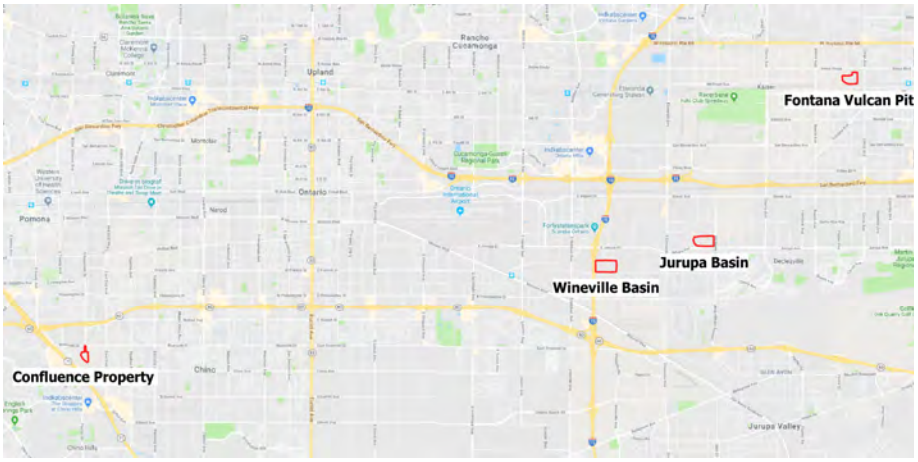


Figure 1: Location of the four investigation sites

- Confluence Property - CBWCD
- Jurupa - IEUA
- Wineville Basin - IEUA
- Fontana Vulcan Pit – CBWM

3. INSTRUMENTATION

The DUALEM 421 Ground Conductivity Meter (GCM) was utilized at each of the four sites. The method provides a high resolution of the variation in the electrical resistivity along the paths where the all-terrain vehicle has pulled the sensor. The depth of investigation ranges to 30 feet below ground surface (bgs), although the presentations stop at 24 feet bgs as the information below that depth is deemed to be uncertain. The electrical resistivity tomography (ERT) investigation at the Confluence site was performed to assess the depth to the bedrock and any possible faults. The depth of investigation ranges to 200 feet bgs. Appendix 1 provides an introduction to the two geophysical methods. An in-depth description of the instrumentation and settings is found in Appendix 2.

4. FIELD WORK

The survey was carried out from the 24th to the 29th of October 2018. The activities were as follows:

- 24th of October: Unpacking, preparation of the instruments and start-up at the Confluence Property site
- 25th of October: Fontana Vulcan Pit (Vulcan Pit)
- 26th of October: The confluence Property
- 27th of October: Jurupa Basin and start-up Wineville Basin
- 28th of October: Wineville Basin
- 29th of October: QC and Demobilization

The Ramboll field crew was comprised Peter Thomsen and Ryan Alward. The assembled DUALEM system was transported between sites on a rental truck's roof rack. The utility vehicle (UTV) that was used to pull the DUALEM was transported on a trailer and the ERT system was transported in the

rental truck. The field operation went very smoothly at the Fontana Vulcan Pit, The Confluence Property and the Jurupa basin. The DUALEM data were collected along densely spaced paths spaced with approximately 5 feet. Within the Wineville Basin vegetation was dense and sections were covered in water, making driving difficult. As a result, line spacing was sparser within the area.

Figure 2: Photo from Wineville basin. DUALEM

Figure 3: ERT measurements

No precipitation occurred during the field work, making soil conditions at the sites suitable for field operations. One of the quality control measures to be considered while using the ERT equipment is poor electrode contact with the soil due to the soil being too dry or porous and resistive. However, Ramboll field personnel did not observe problems with electrode contract due to dry and resistive sediments when doing the ERT measurements.

4.1 Kick-off Meeting

Prior to data acquisition, a kick-off meeting was held at the Chino Basin Water Conservation District office. Representatives from CBWCD, CBWM, IEUA and Ramboll were present. The schedule, site access, and field equipment storage locations were discussed. Prior to conducting the field work a member from the stakeholder responsible for the site met with Ramboll at the site to discuss the access, safety and survey details.

4.2 Data Collection

4.2.1 DUALEM

During the DUALEM surveys, the operator connected a laptop computer to a survey grade GPS to track the path of the UTV, which allowed the operator to view the density of the data being collected and facilitated proper coverage of the site with the DUALEM. The operator frequently checked the data being gathered for both spatial distributions, to confirm proper coverage of the site and to ensure the equipment were properly functioning. At the end of each day, the data were downloaded to a second device for quality control, preliminary processing and archiving. During the survey, a georeferenced GoPro camera was mounted to the vehicle towing the DUALEM tool. The camera footage was available during the data processing to view the field conditions at specific time intervals to review any data anomalies.

The DUALEM sensors were towed using a specially designed sled using all non-metallic parts to avoid the potential for interference. Additionally, the following precautions were employed to collect high-quality data:

Figure 4: Assembling the DUALEM system

- All conductive parts such as batteries, GPS etc. were kept at least 10 feet from the sensor
- The sensor was operated as close to the terrain surface as possible, at approximately 10 inches.
- Vibrations/motion inducing noise were kept to a minimum
- Pitch and roll of the sensor were kept to a minimum and checked frequently during the survey

4.2.2 ERT

An ERT section with a total length of 1,640 feet was conducted at the Confluence site, and the geographical location of the section was measured using GPS. Upon visiting the site, we determined it was not possible to perform more than one ERT section due to the metal fences that would cause signal interference and due to the storm water channel running adjacent to the edge of the property.

Figure 5: The ERT system at the Confluence Site

There were no problems achieving a good electrical contact in between the stainless-steel electrodes and the soil. All measurements were performed at least twice to demonstrate a repeatability of better than 1% to confirm that high-quality data were collected. At the end of the day, the data were downloaded to a laptop for further quality control and inspection.

5. PROCESSING AND INVERSION

The processing and inversion of the DUALEM and the ERT data was completed with the software package Aarhus Workbench (http://www.aarhusgeosofeetware.dk/aarhus-workbench). The workbench is a well-documented and technically sound software package used for processing and inversion of electromagnetic and geoelectrical geophysical data. We specifically utilized an application

within Aarhus Workbench that is specifically designed for processing and inverting DUALEM and ERT data.

5.1 DUALEM

Data were collected with 10 Hz repetition frequency equivalent to 10 data samples per second. The high number of data points allows for an advanced data processing scheme to achieve the best possible signal to noise ratio.

5.1.1 Processing steps

Raw data were imported and filtered using a sliding average algorithm with a width of 10-16 feet (3-5m) and soundings were extracted for everyone 3 feet (1m). An example of the six measured resistivity data are shown on Figure 6.

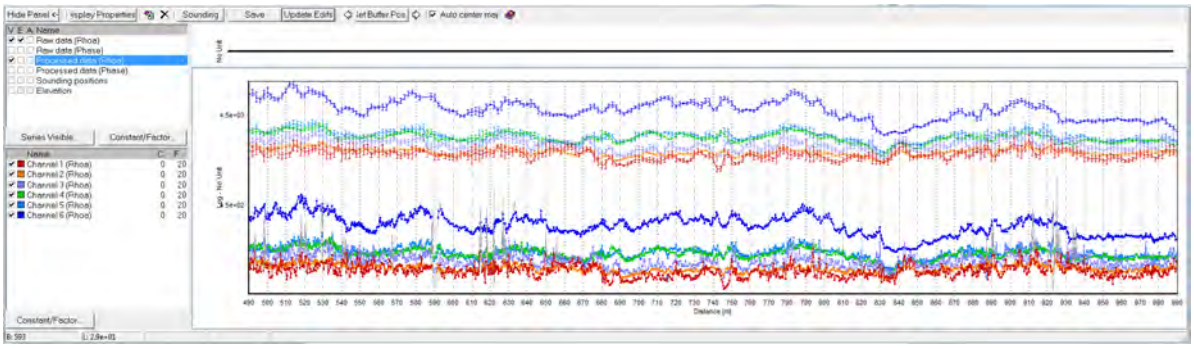


Figure 6: The lower section is raw data, and the upper section of six data are the filtered processed data. Screen dump from Aarhus Workbench

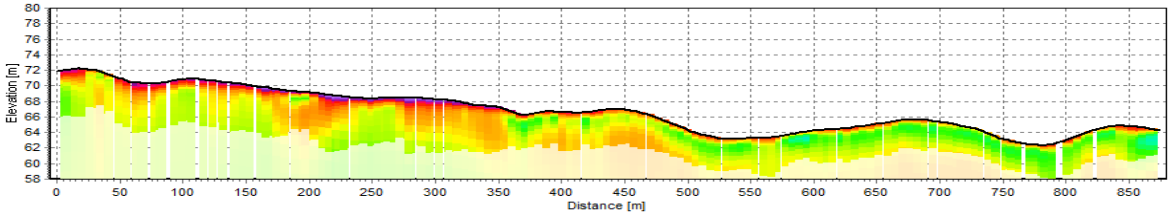
The processing includes:

- QC and conversion of the collected raw data to UTM Zone 11N (NAD83)
- Entering the raw data format in the Workbench processing and inversion package
- Filtering and conversion to sounding for every 3 feet

Data were filtered, moved laterally to common midpoint and soundings were extracted for everyone 3 feet (1m) along the survey lines. Positions were measured by GPS, and each of the six data points were moved to the common lateral midpoint. The processed data are located with an accuracy better than 1 foot.

5.1.2 Inversion

The inversion process is the step where the measured voltage values are fitted with the response from the geophysical model described by layers and electrical resistivities. The result is a smooth coherent resistivity model along the inverted as presented on Figure 7. The processed data were inverted by applying a spatially constrained inversion (SCI) approach, where neighbouring soundings are constrained in a multi-layered inversion scheme, see References 1. Figure 7 is an example of a multi-layered SCI-inversion of the data section displayed on Figure 6.



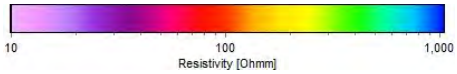


Figure 7: Multi layered SCI inversion of the section

5.2 ERT

Data were collected with an electrode distance of 16,4feet (5m) using a combination of different electrode configurations. Along the 1,640 feet (500m) profile, a total of 1,448 data points were collected. The location of the section was measured by GPS, and the location of each steel rod electrode has been defined by interpolation between the GPS points.

5.2.1 Processing steps

Raw data were imported and assigned coordinates in the software, Aarhus Workbench. Data were inspected, and a total of 27 data points were removed from the dataset due to signal noise that may have been created by nearby metal objects, such as the fences and gates or due to poor contact in between the soil and the steel rod. Along the profile the processed data have been averaged and extracted approximately every 33 feet (10m). A plot of the raw data is presented on Figure 8.

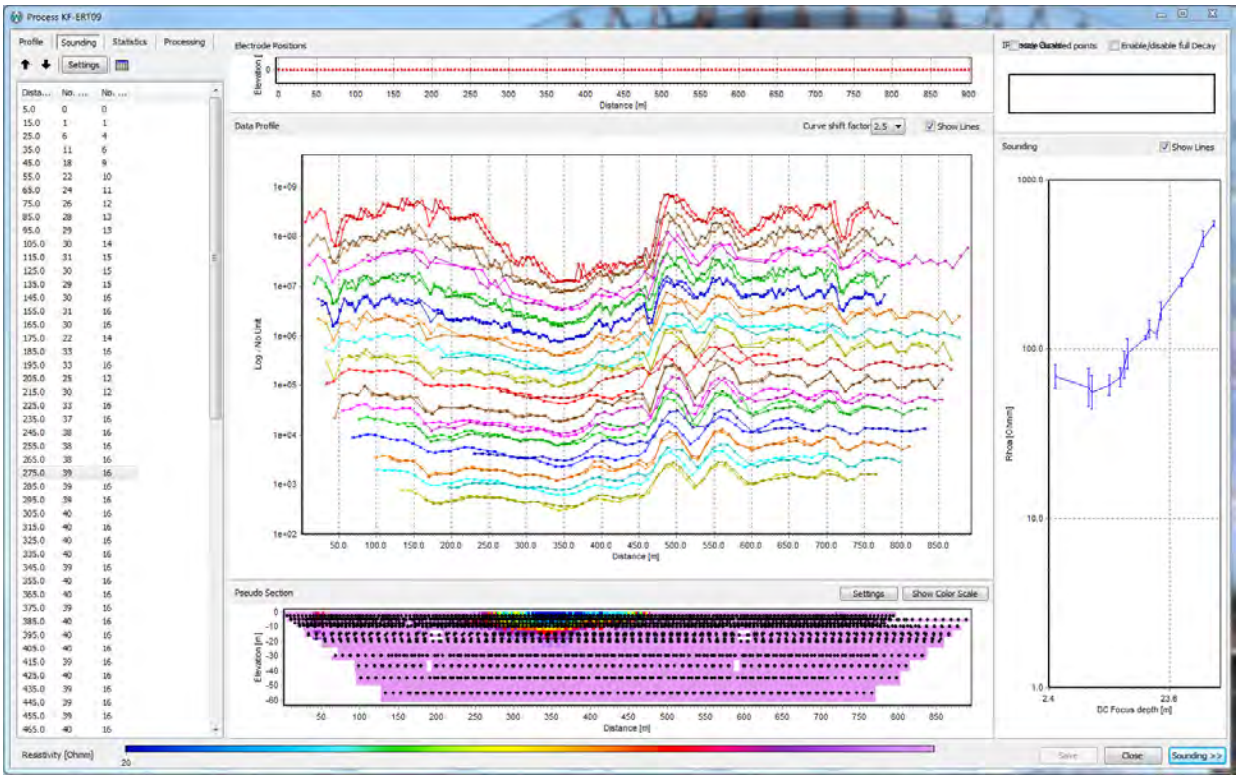


Figure 8: The data points and pseudo section. Screen dump from Aarhus Workbench

The processing of the ERT data includes:

- QC and assignment of GPS coordinates, Zone 11N (NAD83), to the data
- Input raw data format in the Workbench processing and inversion package
- Filtering and conversion to sounding for every 33feet (10m)

The location of the ERT section is defined by the points listed in Table 1.

Table 1: Location of ERT section

Electrode ID	UTM-X (NAD83)	UTM-Y (NAD83)	Note
1	432411.6	3764468.3	0m Start of line
21	432431.5	3764371.1	100m
41	432449.9	3764273.1	200m
61	432478.4	3764175.6	300m
81	432505.1	3764079.8	400m
101	432524.7	3763982.1	500m End of line

5.2.2 Inversion

The inversion process is the step where the measured voltage values are fitted with the response from the geophysical model described by layers and electrical resistivities. The processed data were inverted by applying a Smooth-Multi-Layer model approach, where neighboring soundings are constrained in a multi-layered inversion scheme. For more information about the inversion scheme, see References 2.

6. RESULTS

The following section describes the results of the DUALEM and the ERT data from each site. The resistivity data are collected at different depths, which allows the resistivity to be translated into a lithology to get an understanding of the site geology. The data can be presented both as a cross-section and as spatial information on a map. For the DUALEM data, we present the spatial data at different depth intervals from about 1 to 3 feet apart. This allows for the resistivity and the geologic interpretation to be presented as slices which show the variability of lithologic structures at different depths. Mean resistivities for different depth intervals are used for the interpretation. The first interval is from ground surface to 1 foot, followed by a series of 2-foot intervals, down to 9 feet bgs. From 9 to 24 feet, the intervals are 3-feet thick. In Appendices 3 to 6, larger scale maps are presented to allow the reader to review the different layers for each site in further detail.

The ERT data from the Confluence site are presented as a cross-section of the resistivity. The ERT data cannot be presented like the DUALEM data because the ERT data were collected in a straight line and did not have more coverage of the complete site like the DUALEM data.

6.1 Correlation between resistivity and geology

Both geophysical methods used for this project, DUALEM and ERT, measure the electrical resistivity of the earth. To assess the lithology below the ground surface, the resistivities measured by the tools must be translated to lithologies. Translating resistivities to lithology is based on a general correlation between resistivity and type of sediments. Figure 9 shows a general correlation, where impermeable clay has a low resistivity, sandy clay typically results in a resistivity ranging from 40 to 100 ohm-m, while sand to coarse sand has a resistivity above 70-800 ohm-m. This correlation is a general assumption and can vary between locations. The water quality within the vadose zone/aquifer can also change the resistivity due to more saline water having a lower resistivity. Therefore, correlation with additional data source (information from boreholes) and general geological knowledge are crucial to obtain the most accurate description of the subsurface.

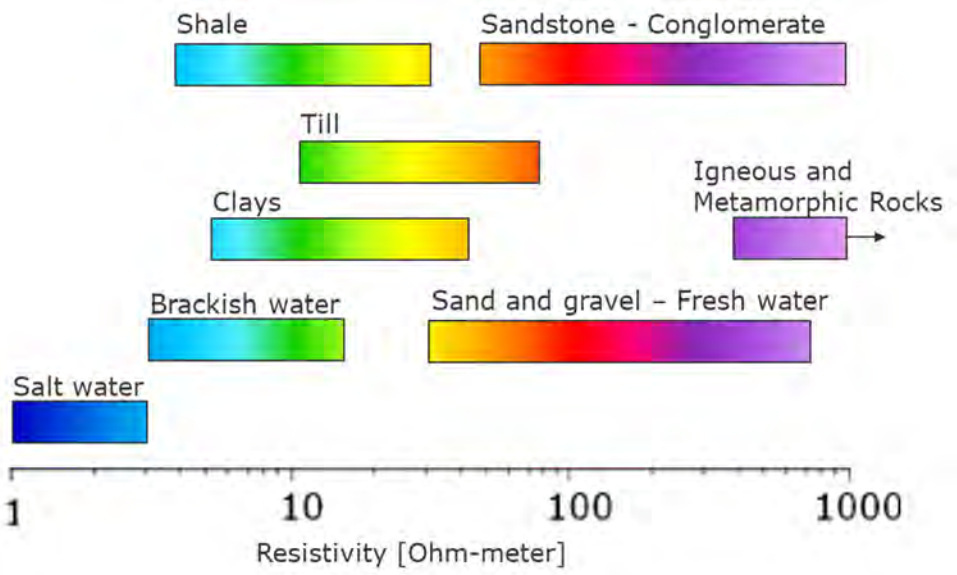


Figure 9: General interpretation from resistivity to type of sediments

6.1.1 Confluence – CBWCD

The Confluence Property site has a total area of 23.8 acres. The site has been covered using the DUALEM method. One north-south orientated ERT section was done. A total of 14.7 line-miles of DUALEM data were collected with a line spacing of about 6 feet.

Figure 11 shows the resistivity results for the 10 different depth intervals. The intervals show that most of the site is highly resistive near ground surface, indicating the presences of coarser sediments and the resistivity decreases with depth, indicating that the sediments become finer. From about 9 -24 feet bgs the portion along the western edge of the site is the only part with higher resistivity indicating that most of the site consists of finer grained sediments over this interval. The following is a more detailed description of the different intervals:

Figure 10: DUALEM data marked with red and the collected ERT marked with blue.

- Within the upper 3 feet, the site is dominated by highly resistive layers, except for the most northwestern part of the current parking lot and for the fenced areas. The high resistivity indicates dry, sandy sediment. The area of the site with the corrals and fenced areas near the parking lot is lower resistivity.
- At 3 feet bgs the resistivity begins to decrease gradually throughout most of the site
- At 9 feet bgs, the highly resistive areas are limited to the most south-eastern part and the northern part of the main area.

- Below 12 feet the resistivity contrasts continue; however, the size of the area with relatively high resistivities degreases with depth.

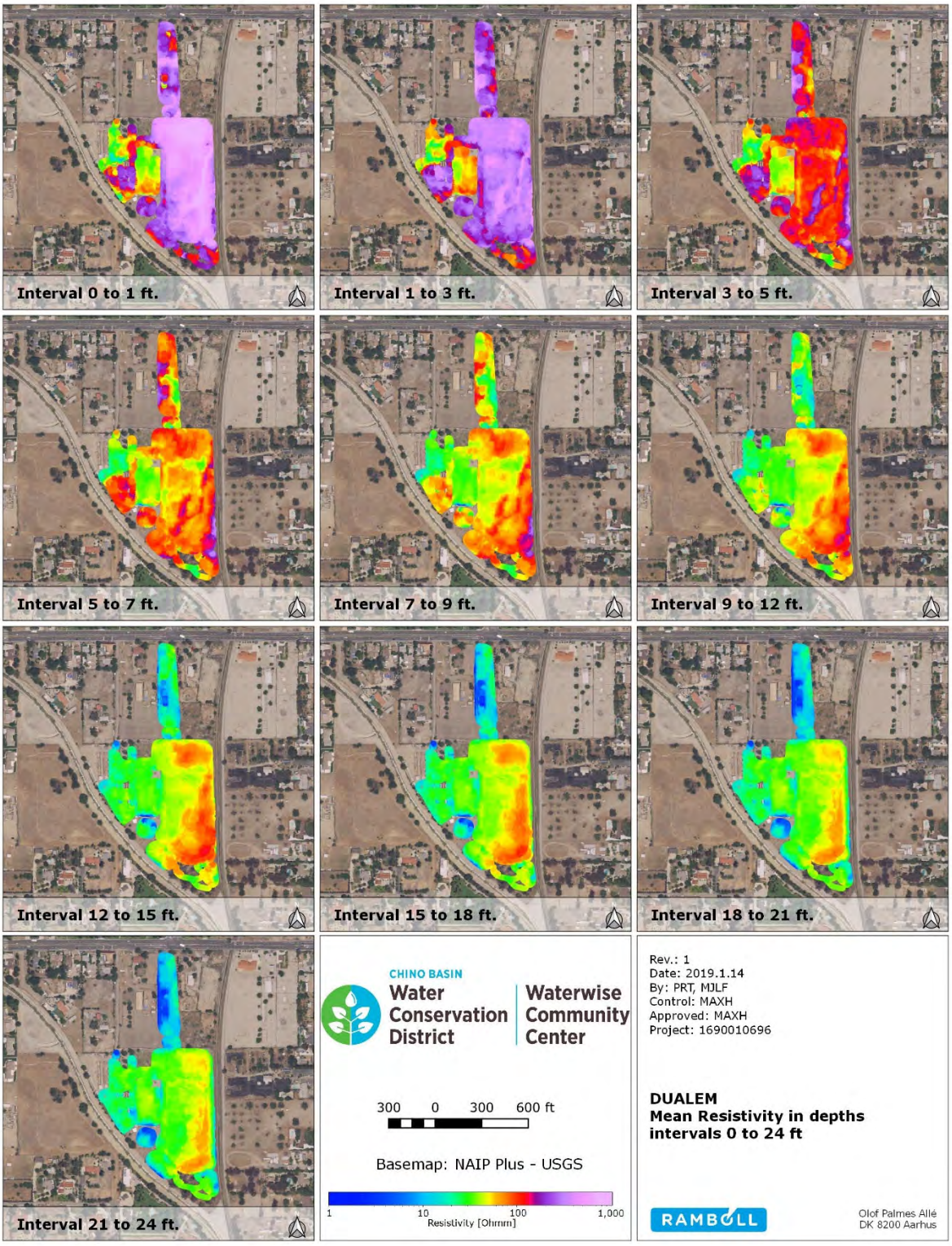


Figure 11: DUALEM at the Confluence Property – depth intervals from 0 to 24 feet bgs.

The DUALEM results are also presented as a cross-section oriented from north to south as shown below on Figure 12. At the northern portion of the section, the high resistivity layer is relatively shallow and is underlain by lower resistivity. The length of the section line is in feet as shown along the x-axis of Figure 12. Below 10feet bgs, the resistivity decreases, except for the relatively high resistivity from about 700 feet to 820 feet and again from 1,100 feet to about 1,420 feet, which is an indication of permeable sediments.

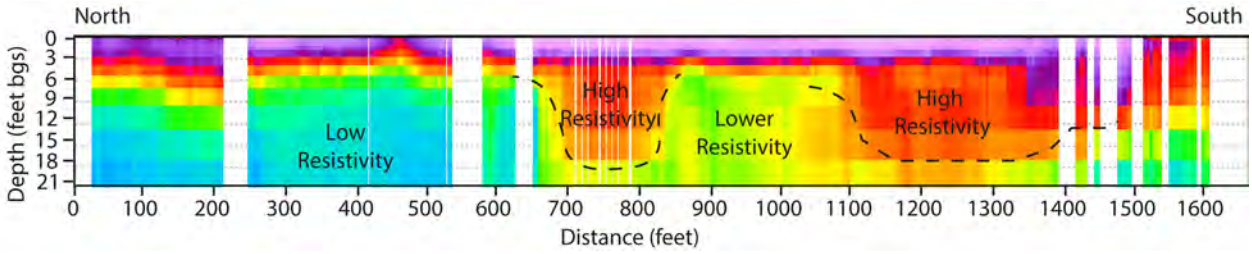


Figure 12: DUALEM model section from north to south.

The purpose of the ERT survey was to obtain deeper information than gathered using the DUALEM. The deeper information was needed to identify faults and depth to bedrock in the area. The location of the 1,600-foot-long section line is presented on Figure 10 and runs from north to south like the DUALEM section in Figure 12. The ERT data that were gathered and processed are presented in Figure 13. During processing, a total of 27 datapoints were removed from the dataset. The removed data were due to noise, mainly in the northern part of the section, where data were collected closest to fences surrounding the site. Figure 14

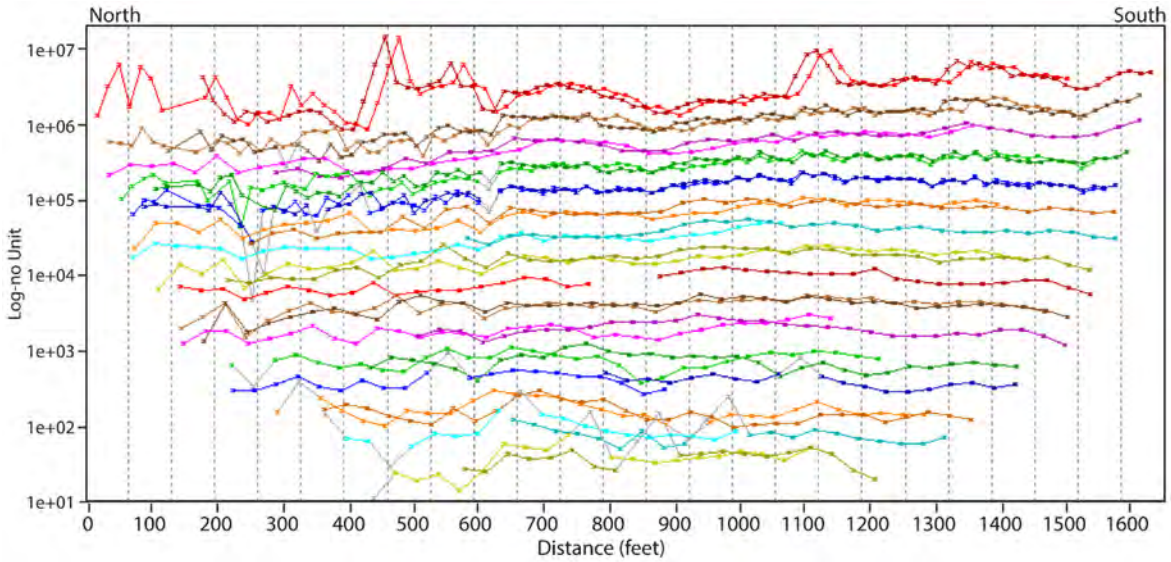


Figure 13: Processed dataset. Datapoints marked with grey has been deleted from the dataset

A pseudo-section for the processed ERT data is shown Figure 14, which presents the first iteration of the data processing prior to processing the dataset into a smoothing model. The grey boxes indicate locations where data have been removed. The pseudo-section shows the highest resistivities are present in the southern part of the section, closest to the ground surface. The quality of the data is deemed to be high.

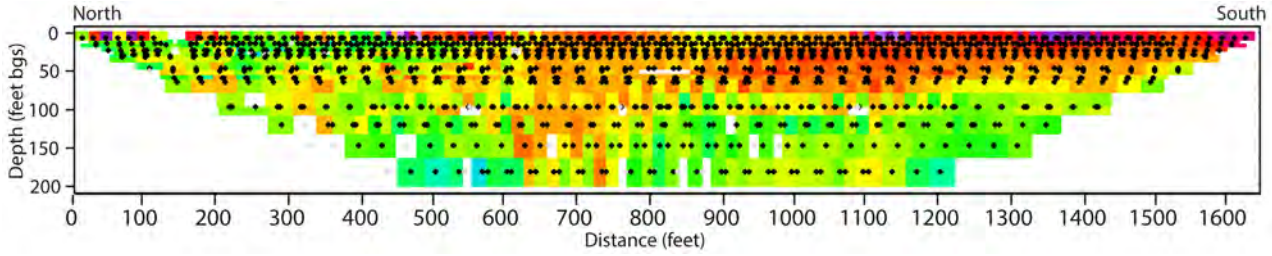


Figure 14: Pseudo-section for the collected ERT data. Orientated north to south.

Figure 15 presents the smooth resistivity model created from the inverted data. A horizontal layer of primarily high resistivity is observed. The structure appears to begin about 25 feet bgs in the northern part of the site and rises to the ground surface near the southern part of the site. The higher resistivity layer present in the northern section of the site as observed in the ERT data is present below the depth of investigation of the DUALEM data noted in Figure 12. The ERT information, when combined with the DUALEM data, indicates that the connectivity of the high resistivity area is connected from ground surface to a depth of about 100 feet bgs in the southern portion of the site. In the northern part of the site, a very thin high-resistivity layer is separated by about 25-30 feet of lower resistivity data prior to encountering the high resistivity layer that runs beneath most of the site.

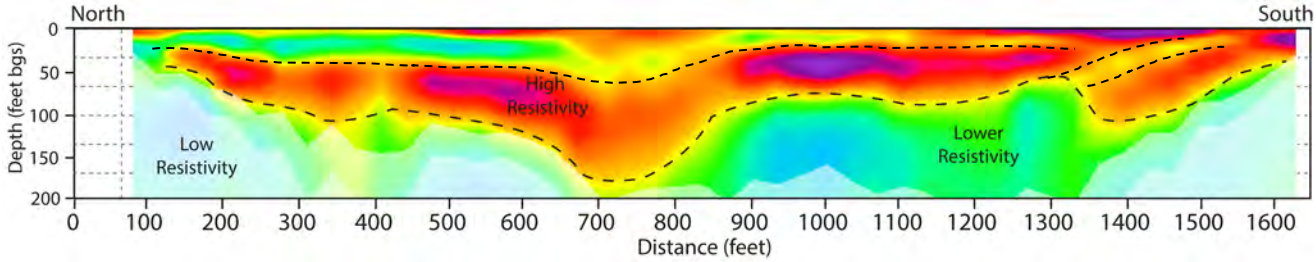


Figure 15: Model-section based on the processed dataset. Orientated north to south.

6.1.2 Fontana Vulcan Pit – CBWM

The Fontana Vulcan Pit site has an area of 56.9 acres. The DUALEM method was used throughout the footprint of the bottom of the pit. A total of 15.6 line-miles of data were collected and the spacing between lines was about 6-8 feet. Figure 16 shows the location where the DUALEM data were collected.

Figure 17 shows the resistivity results for the 10 different depth intervals. In the upper one-foot, the entire site appears to have high resistivity indicating coarser sediments.

Figure 16: DUALEM data at Fontana Vulcan Pit

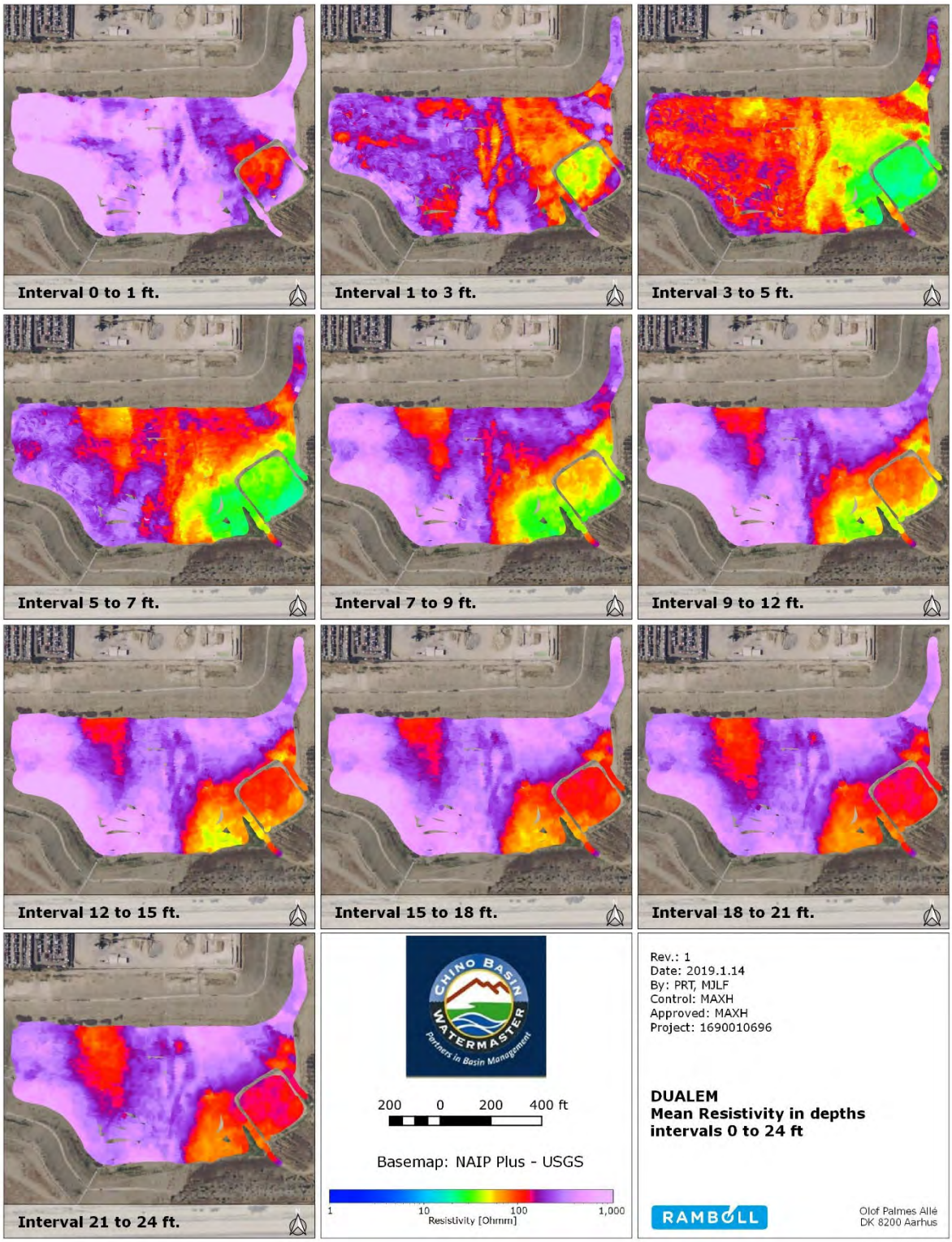


Figure 17: DUALEM at the Fontana Vulcan Pit – depth intervals from 0 to 24 feet.

A 1-acre infiltration basin was previously constructed for an infiltration test. This infiltration basin is in the south-eastern portion of pit. We were able to drive the UTV into the infiltration basin to evaluate this smaller pit with the DUALEM. The area within the small infiltration basin has lower resistivity than the rest of the larger pit from 1-3 feet bgs and this may be due to fine sediments that were deposited during previous infiltration testing. These lower resistivity zone appears to be confined to the boundary of the infiltration basin. The following is a more detailed description of the different intervals:

- Between 3-7 feet bgs, lower resistivity area extends beyond the footprint of the infiltration basin. This low resistivity zone may indicate the presence of finer sediments in the south east portion of the Vulcan Pit, which correlates with the low infiltration rates of the previously conducted infiltration tests in the 1-acre pit.
- From 7-9 feet, the resistivity within the infiltration basin increases, and the entire Vulcan Pit appears to be of relatively high resistivity. The purple areas on the interval maps represent the highest resistivity and the coarsest sediments. The areas with the red are lower resistivity than the purple but still indicate sediments that are coarse enough to be permeable and may represent sand and fine gravel.
- The intervals from 9-24 feet bgs indicate that the entire Vulcan Pit consists of high resistivity measurements with a structure present in the northern portion of the pit, that resembles a red 'V' and may be indicative of a sand or gravel channelized feature. The area below the infiltration basin in the south eastern portion of the pit has increased resistivity at these depths indicating that coarser sediments are present below the finer sediments just below ground surface.

A DUALEM model section with a northwest to southeast orientation is shown on Figure 18. The section shows the high resistivity area from about 280 feet to 450 feet that may be a sand or fine gravel structure that appears as a 'V' on the on the north western portion of the interval maps from 7-24 feet bgs. This structure is bounded by the highest resistivities which indicated the presence of the coarsest gravel sediments. The presence of the highly resistive sediments corresponds to the site being a gravel pit.

At the south east portion of the site around the 1-acre infiltration basin, a lower resistivity layer extends from about 3-7 feet bgs, which could be the reason the infiltration tests did not indicate permeable sediments in the basin. Below 7 feet, the resistivity increases, indicating that coarser, more permeable sediments are present from about 7-24 feet bgs.

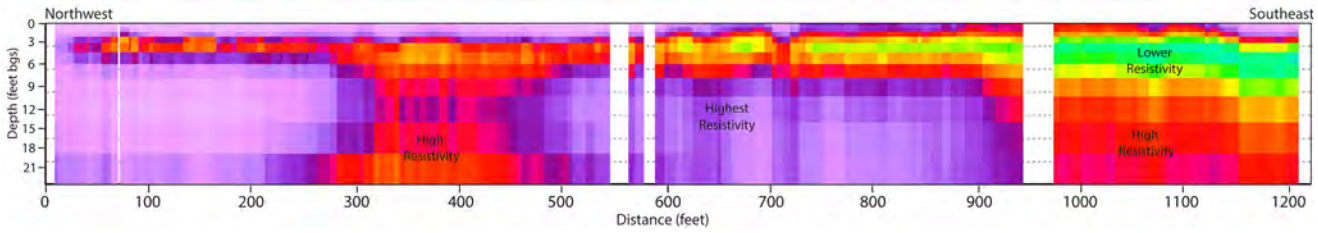


Figure 18: DUALEM model section from northwest to southeast.

6.1.3 Jurupa Basin – IEUA

The Jurupa Basin site has an area of 39.5 acres. The DUALEM method was used to collect data with an intended distance of about 15 feet between lines. A total 12.4 line miles of DUALEM data were collected. Figure 19 shows the location of the collected data. The Jurupa basin is used for stormwater and was easily accessible.

Figure 19: DUALEM data at Jurupa

Figure 20 shows the resistivity results for the 10 different depth intervals. The first 3 feet bgs of the site is dominated by high resistive layers in the central part of the basin, and lower resistivity zones are present at the western and eastern storm water outfalls. The lower resistivity zones at the west and east indicate the presence of less permeable sediments. The resistivity is highest in the central part of the basin for all the depth intervals, indicating the most permeable sediments are in the central part of the basin. A higher resistivity area is noted at the north east portion of the basin near the access road and another area on the furthest western portion of the basin that is isolated from the nearby outfall by a small levee. As depth increases, the size of the high resistivity areas decreases but remains about one-half the area of the whole basin. At about 5 feet bgs, a high resistive structure is seen near the center of the basin and extends to the north eastern corner. The following is a more detailed description of the different intervals:

- From 0-1 feet bgs, the central portion of the basin has a very high resistivity, and the outfalls near in the north west and the north east corners have a high resistivity.
- From 1-3 feet bgs, the resistivities are like 0–1 feet bgs, but the north eastern corner has a lower resistivity, indicating the presence of lower permeability sediments right below ground surface.
- From 3–9 feet bgs, the resistivity on the north east corner continues to decrease, and the western edge of the basin has lower resistivity measurements. The central portion of the basin has the highest resistivity.
- Beginning at the 9-12 feet interval, the resistivity of the central portion of the basin decreases, while remaining relatively high. The north eastern and the north western edges of the basin begin to show higher resistivity sediments, changing the previous trend of reducing resistivity with depth.
- From 12-24 feet bgs, the overall resistivity in the center part of the basin continues to decrease slightly over each interval while remaining relatively high, indicating that the most permeable sediments are in the center part of the basin. In addition, the northeastern and northwestern portions of the basin have some highly resistive layers, indicating the presence of more permeable sediments towards the edge of the basin. A linear structure is observed with a trend towards the northeastern portion of the basin. This could be the result of more permeable sediments that may be from a previous channel in the basin.

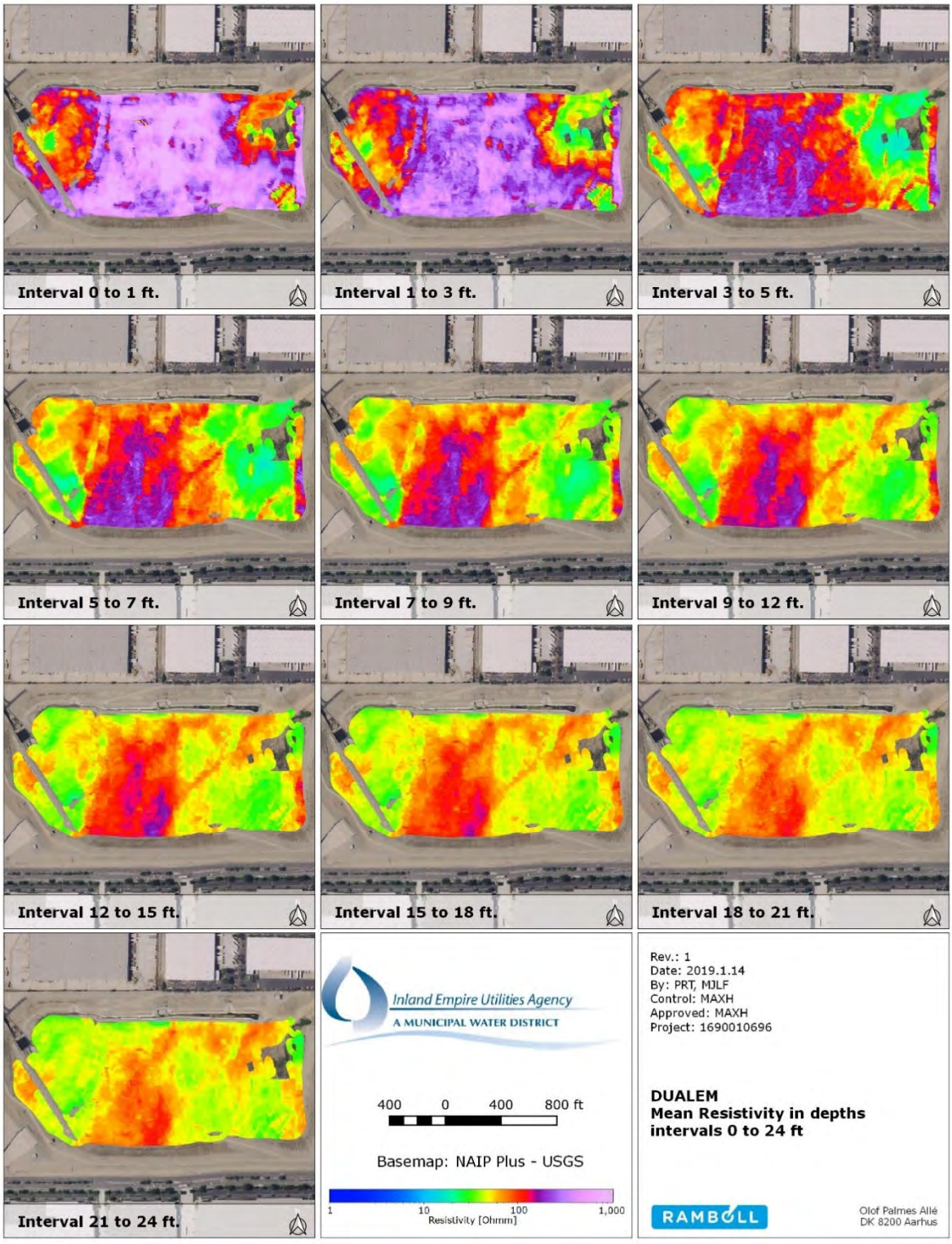


Figure 20: DUALEM at the 6.2.4 Jurupa Basin – depth intervals from 0 to 24 feet.

A DUALEM model section with a west to east orientation is shown on Figure 21. As observed at the different depth intervals in Figure 20, the resistivity is highest in the upper 3 feet bgs of the central portion of the basin, indicating the presence of the most permeable sediments. On the section in Figure 21, between about 600 to 1,150 feet, the high resistivity sediments are thickest. At about

1,720 feet, the northeast striking high resistivity structure is seen and appears to be about 6 feet deep. In the western and eastern part of the basin, the resistivity is generally lower, which is an indication of less permeable sediments.

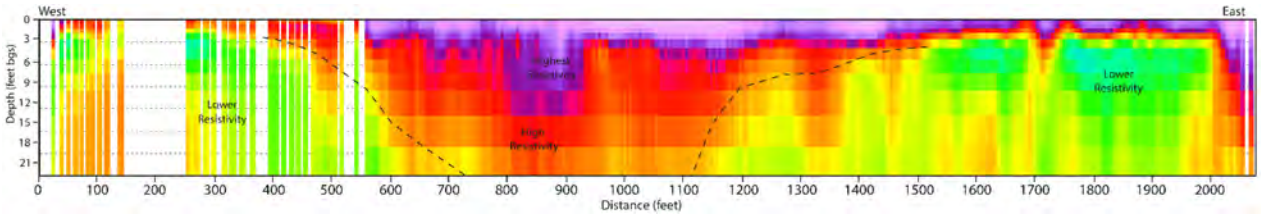


Figure 21: DUALEM model section from west to east.

6.1.4 Wineville Basin - IEUA

The Wineville Basin has an area of 74.1 acres. The site is separated into five triangles by drainage ditches, and most of the site was overgrown with vegetation about 3-5 feet high. One of the sections of the basin could not be accessed with the UTV due to the soil being too saturated and marshy. The line spacing for this site is also greater than the previous sites due to the difficulty of driving the UTV and towing the DUALEM tool through the vegetation. For this reason, the line spacing was about 30 feet but varied in some locations due to the terrain and vegetation. A total of 5.9 line-miles of DUALEM data were collected.

Figure 22: DUALEM data collected at Wineville Basin

Figure 23 shows the resistivity results for the 10 different depth intervals for the modeled DUALEM data. The upper 3 feet is dominated by relatively high resistivity, and the eastern portion has the highest resistivity, indicating the most permeable sediments. This area has less vegetation growing, and the surface was very sandy and difficult to drive through. In the central northern part of the basin there is an area with lower resistivity, which is an indication of less permeable sediments.

Below 3 feet bgs the area with low resistivity becomes more consistent and is present at the intervals from 3-9 feet bgs and expand slightly in to the south western triangle. Over the same interval, the highest resistivity areas in the eastern portion of the basin is reduced, but still high enough to indicate the presence of permeable sediments such as sand and fine gravel. From 9-24 feet bgs, the areas with lower resistivity have an increase in resistivity until much of the site, except the small triangle on the east side, consists of high resistivity. The small triangle at the east of the basin is has decreasing resistivity from 9-24 feet bgs. The following is a more detailed description of the different intervals:

- From 0-1 foot bgs, the highest resistivity at the site covers the majority of the eastern half of the basin.
- The first significant indication of low resistivity sediments begins in the interval from 3-5 feet bgs. The greatest low resistivity portion trends north-south in the center of the basin at the edge between two of the triangles.
- From 5-7 feet bgs, the low resistivity area in the center of the basin is still present. The low resistivity area in the south western triangle increases, and this trend continues through the interval from 7-9 feet bgs. Over the same two intervals the very high resistivity area at the eastern side of the basin has a decrease in the resistivity.
- From 9-12 feet bgs, the trend in the lower resistivity is changing. The low resistivity areas increase in resistivity, indicating that fine sediments are underlain with coarser, more permeable sediments.
- The intervals from 12-24 feet bgs consist of high resistivity sediments covering most of the site surveyed with 2-3 small very resistive areas. The smallest triangle on the eastern side of the basin has lower resistivity and the resistivity continues to decrease with each depth interval but it appears that the resistivity is high enough to represent sediments that would be permeable.

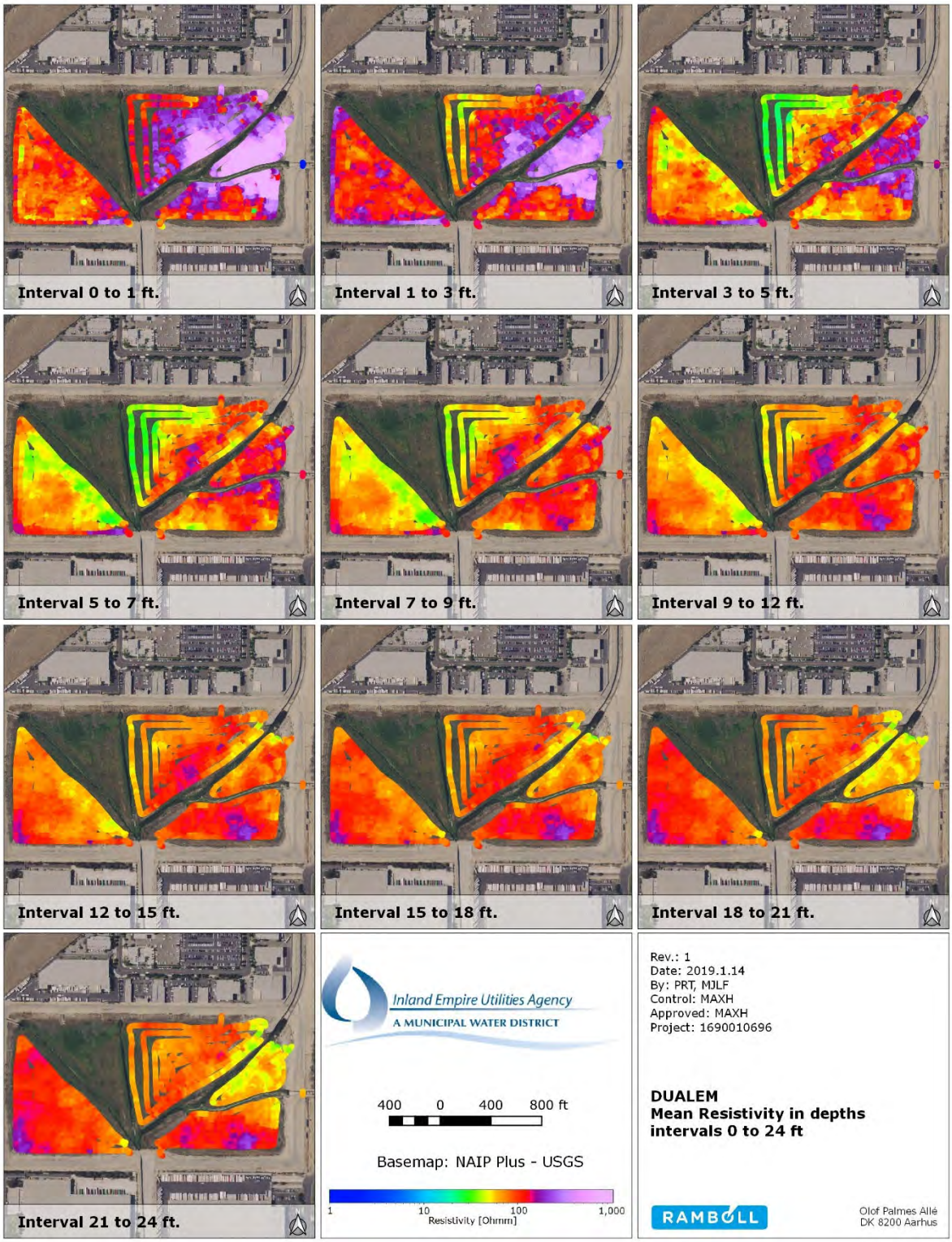


Figure 23: DUALEM at the Wineville Basin – depth intervals from 0 to 24 feet.

A DUALEM model section with a southwest to northeast orientation is shown on Figure 24. The western half of the section shows primarily high to low resistivity. The missing portion of data in the center is due to the triangle that was not surveyed. The eastern half is dominated by a highly

resistive top-layer overlaying lower resistivity. From about 1,450 to 1,650 feet the highly resistive layer is about 12 feet thick. The central part is dominated by a relatively low resistive layer from 3 to 9 feet bgs as indicated by the yellow and green coloration but this overlies a higher resistivity area.

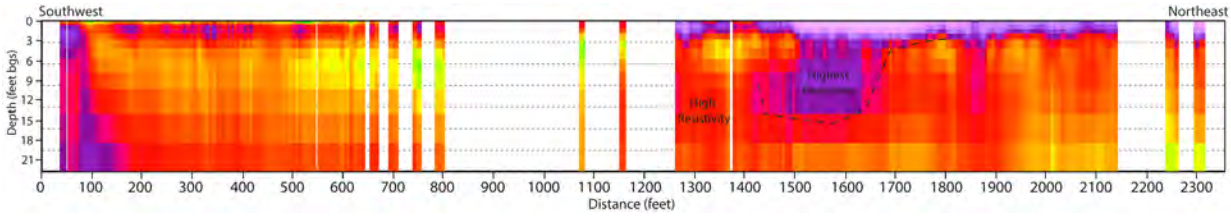


Figure 24: DUALEM model section from southwest to northeast

7. CONCLUSIONS AND RECOMMENDATIONS

The results of the investigation at each of the four sites indicate a recharge potential to varying degrees at each site. Based on the analyses of the electrical resistivity at different depths for each of the four sites, we discuss the best locations for further recharge investigations. At the Confluence site, the central and the south-eastern areas of the site have the highest relative resistivity is found within the upper 15 feet based on the DUALEM results. This indicates moderate to high permeability sediments may be present at these depths. The ERT geophysics section conducted from northwest to southeast across the entire site confirmed the results of the DUALEM and gathered data from about 175 deeper than the DUALEM system. The basement rock was not encountered in the ERT data. A highly resistive structure was observed running along the section line that starts at about 25-feet bgs in the northern portion of the site and reaches ground surface in the south. This structure is over 100-feet thick in the central portion of the site and may be a layer for the storage of infiltrated water.

In the Fontana Vulcan Pit, we observed that the potential subsurface sediments vary from low-permeability sediments primary in the eastern part to highly resistive and hence more permeable sediments in the western and northern part of the pit. Based on depth interval 3-5 feet and the model section, a thin low resistivity layer covers most of the southeastern portion of the Pit where the 1-acre infiltration basin was created. The low resistivity layer extends beyond the 1-acre basin and doubles in size towards the southwest from 5-7 feet bgs. This layer may prevent water from infiltration though the top sediments in this portion of the basin, which was observed by previous studies. The remainder of the basin appears to be much more conducive to recharge. Future infiltration testing should be conducted in the western portion of the basin to more accurately characterize the infiltration potential of the basin.

The Jurupa Basin appears to have highly resistive sediments in the top three feet, except for the area around the access road in the north-east corner. With depth, the western portion and eastern portion of the basin consist of relatively low resistivity sediments, indicating that these sediments are mostly low permeability. The results indicate the infiltration is limited to the central part of the basin, except for a portion of the northeastern portion of the basin below about 12-feet bgs.

The Wineville Basin had the widest distance between the DUALEM lines of any of the four basins due to the overgrown nature of the basin. The basin is divided by drainages into five triangles, and we could only access four of the five for this study. The remaining triangle did not have access and was marshy. Portions of the central part of the basin have relatively low resistivities, while the east and west sides of the basin have relatively high resistivity from three to 12 feet bgs. Below 12 feet bgs,

much of the site that was evaluated appears to consist of mostly highly resistive sediments that may be higher permeability sediments. The portion of the site that was not surveyed was marshy and had a standing pond of water. This could be indicative of a perched water table caused by low permeability sediments. We do not know thick this layer may be, but if it is similar to the other lower resistivity areas within the basin, there may be higher permeability sediments beginning below 12-feet bgs.

The conclusion of each site evaluated is relative to the DUALEM data that were collected. To further assess the potential for the portion of the four sites to recharge, we recommend supplementing the geophysical conclusions with boring information to confirm the interpretation of the resistivity information. Prior to designing any improvements for recharge or infiltration purposes, we recommended that hydraulic conductivities are verified by infiltration tests.

8. REFERENCES

/1/ T. R. Andersen, S. E. Poulsen, P. Thomsen, K. Havas, Geological characterization in urban areas based on geophysical mapping: A case study from Horsens, Denmark, Journal: Journal of Applied Geophysics

/2/ Viezzoli, A., A. V. Christiansen, E. Auken, and K. I. Sørensen, 2008, Quasi-3D modeling of airborne TEM data by Spatially Constrained Inversion, Geophysics, 73, 3, F105-F113

/3/ McNeill, J. Electromagnetic Terrain Conductivity Measurement at Low Induction Numbers; Technical Report TN-6; Geonics Limited: Mississauga, ON, Canada, 1980

APPENDIX 1
INTRODUCTION TO METHODS

1. APPENDIX - THEORY

The purpose of this appendix is to provide a basic introduction Ground Conductivity Meter (GCM), and Electrical Resistivity Tomography (ERT) methods.

1.1 GCM

GCMs utilize electromagnetic frequency domain signals to map the electrical conductivity of the earth. The instrumentation is based on having a transmitter coil to generate a primary sinusoidally varying magnetic field. When the primary magnetic field is varied, it creates eddy currents in the soil. These time-varying currents induce their own magnetic field – the secondary magnetic field. The induced field is superimposed over the primary field. A fraction of both the primary and the secondary magnetic field is intercepted by the receiver coil, where the signal is amplified and formed into an output voltage that is linearly related to the earth electrical conductivity. The distance between the transmitter and receiver coils determine the focus depth for the electromagnetic field. Most instruments like the DUALEM system utilize a combination of horizontal and vertical coils. This also determines the depth of investigation. The frequency of the transmitted sinusoidal primary field will influence the depth of investigation. Some instruments will use multiple frequencies but the DUALEM system is based on a single frequency.

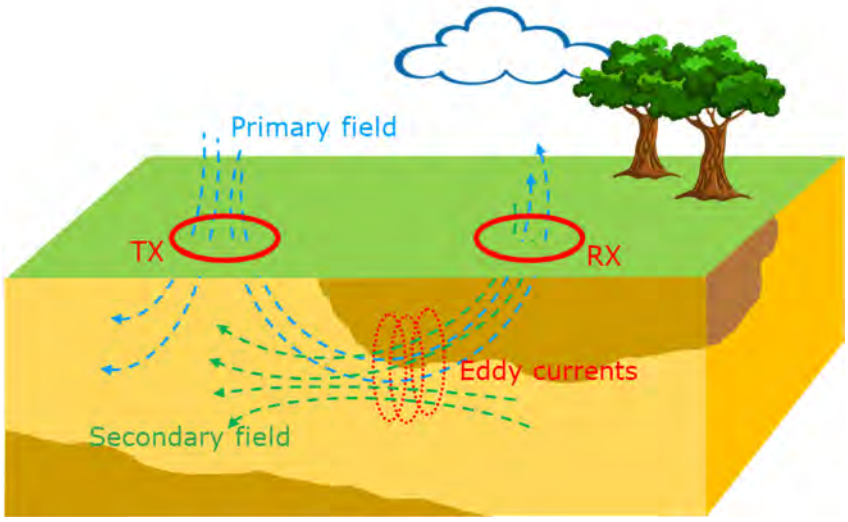


Figure A1-1: Basic EM signals

Simultaneous readings of the quadrature (Q) and in-phase part (I) of the received secondary signal, most often stated as ppm or ppt with respect to the primary signal. The Q-part can be transformed to an apparent resistivity, ρ_a, using:

$$\rho_a = W\,\mu_0 \frac{s^2}{4} \frac{Q_{primary}}{Q}$$

where s is the coil spacing, $\omega = 2p$, f is the angular frequency for the frequency, f, and $\mu_0 = 4\pi \times 10^{-7}$ is the magnetic permeability of free space. This allows for easy transformation of the data into apparent resistivity.

1.2 ERT

In principle, ERT is based on an electrical direct current (DC) transmitted between two electrodes implanted in the ground and the measurement of the difference of potential between two additional electrodes that do not carry current. The electrodes can be in line or they can be placed anywhere including electrodes in boreholes. Transmitted in between the electrodes is a square-wave alternating current.

The voltage drop across two potential electrodes is converted to an apparent resistivity ρ_a. The apparent resistivity is defined as the resistivity of an electrically homogeneous and isotropic half-space that would yield the measured relationship between the applied current, I and the potential difference, V for an arrangement and spacing of electrodes.

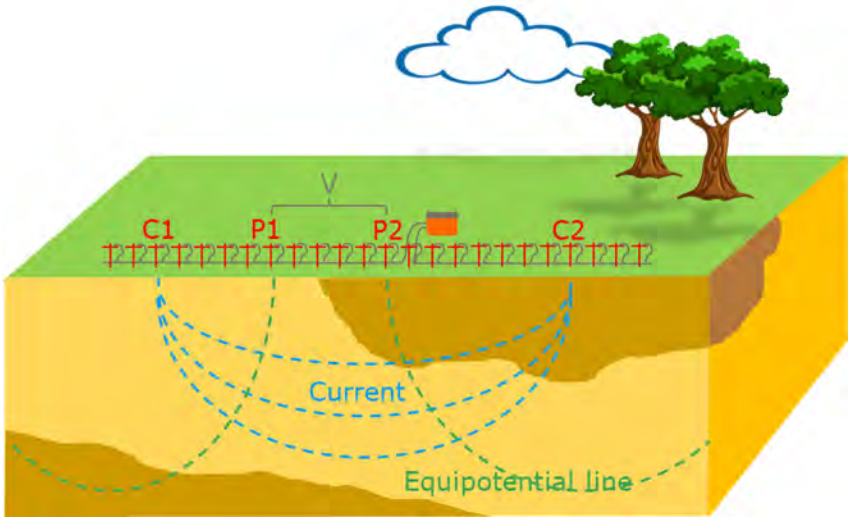


Figure A1-2: Basic ERT configuration, currents injected in the subsurface and measurements of the voltage drop

The conversation of the measured voltages to an apparent resistivity can be described as:

$$\rho_a = 2\,\pi\,K\frac{V}{I}$$

For different configurations of electrodes, there are different formulas used to calculate the geometrical factor, K.

Different configurations of electrodes will have different advantages and disadvantages. The instrumentation often utilize that more sets of potential electrodes can be used to measure the voltage drop simultaneously. During the last few years it has been the practice to use so called gradient configurations compared to more traditional configurations like Schlumberger, Wenner, and Dipole-Dipole. The gradient configurations are attractive as they provide both a high lateral and vertical resolution combined with a normally high signal to noise ratio.

APPENDIX 2
INSTRUMENTATION

2. INSTRUMENTATION

The following appendix describes the DUALEM and ERT instruments and settings.

2.1 DUALEM instrumentation

This non-intrusive method allows fast and low-cost detection of many subsurface conditions that cause a change of the apparent soil electrical conductivity. For the electromagnetic (EM) survey, Ramboll recommends the DUALEM421s system. The DUALEM421s is a Canadian manufactured EM system with fixed frequency, a transmitter coil and 6 different receiver coils (http://www.dualem.com/products/).

Three horizontal coils (HCP) at distances of 3.3, 6.6 and 13.1 foot from the transmitter coil, and three vertical receiver coils (PRP) at 3.6 feet, 6.9 feet and 13.5 feet from the transmitter coil, results in 6 apparent resistivity in 6 different depths. Through geophysical inversion the 6-data points are interpreted to a smooth layered resistivity model. Depth of investigation is calculated based on data and inverted model and varies under normal conditions from 20-26 feet. The system is shown in Figure 1.

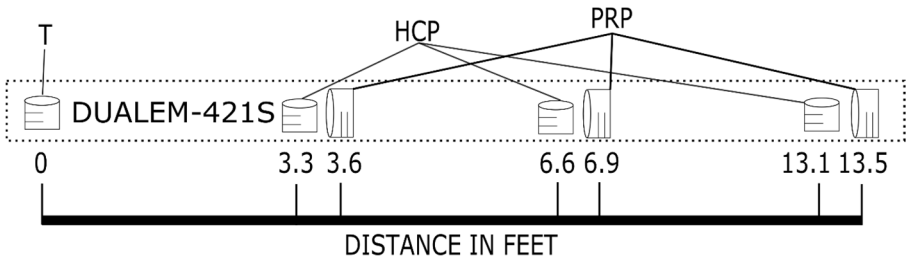


Figure A2-1: The DUALEM421s sensor configuration

The DUALEM system is considered state of art for GCM instruments (Ground Conductivity Meters), and consists of a 13-foot-long sensor and two small batteries, GPS receiver, and light weight Toughbook computer used for navigation and data storage, cables etc. Collected data are synchronized with GPS for both spatial and temporal data. The GPS (Trimble SPS850 or equivalent) is utilized for the survey.

Ramboll introduced the DUALEM-system in early 2013. For the last 6 years, Ramboll has executed more than 100 projects where DUALEM has been included for mapping the sub-surface. Projects vary from pre-geotechnical investigations, mapping of subsurface conditions related to infiltration of rainwater, mapping of contaminated sites, macro archaeological investigations and UXO's. Clients have included contractors, municipalities, and national authorities.

The DUALEM transmitter works at a fixed frequency (9 kHz) and has one pair of receivers. The transmitter and the pair of receivers each have horizontal wire windings, and these components make a horizontal co-planar array (HCP) which resolve horizontal data. The other receiver has vertical wire windings; it combines with the transmitter to make a perpendicular array (PRP) to better resolve vertical data. The cumulative responses of PRP and HCP may be used as guides to determine the depth of investigation (DOI), in that they indicate the depths beyond which PRP and HCP are relatively insensitive to response from the earth. For the DualEM-2, the DOI of PRP is about 3.3 feet bgs, and the DOI of HCP is about 20 feet bgs (DualEM, Inc. 2005).

The DualEM can determine up to 3000 mS m^{-1} (DualEM, Inc. 2005). The data measurements are manual (discrete) as well as continuous at rates between 0.1 and 8 Hz (DualEM, Inc. 2005).

2.2 Electrical Resistivity Tomography (ERT)

ERT is a geophysical technique in which DC electrical current is injected into the ground between one pair of electrodes and the voltage is measured between another pair. An array of electrodes is used, and an instrument (Terrameter) acts as a switch box and a measuring device, sending a direct current to different sets of electrodes through a set sequence. ERT data are rapidly collected with an automated multi-electrode resistivity meter.

Ramboll uses the most accurate and efficient available instrumentation. Multi-core cables with takeout distances for every 16 feet (5m) with a total length reaching 1,300 feet (400m) have been used. The instrumentation is ABEM SAS4000 Terrameter produced by ABEM /Guideline Geo.

Figure A2-2: The LS-Terrameter in operation

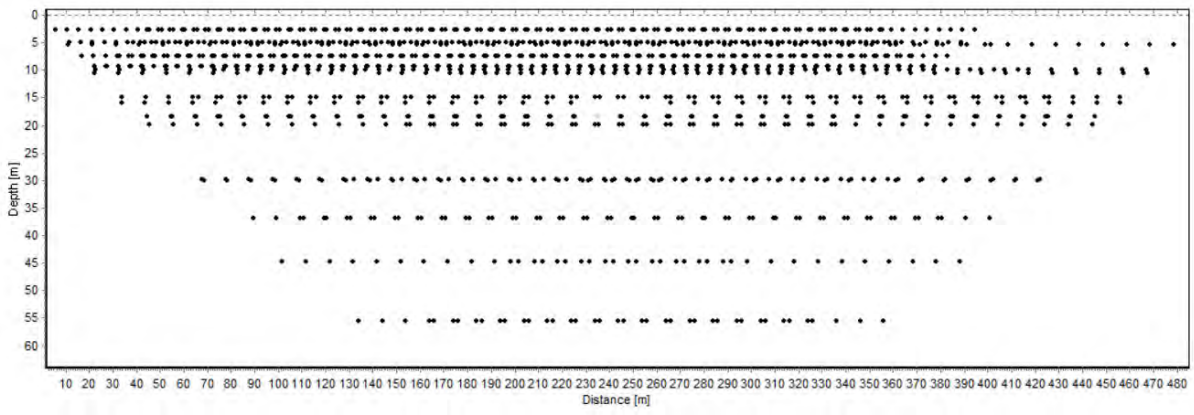
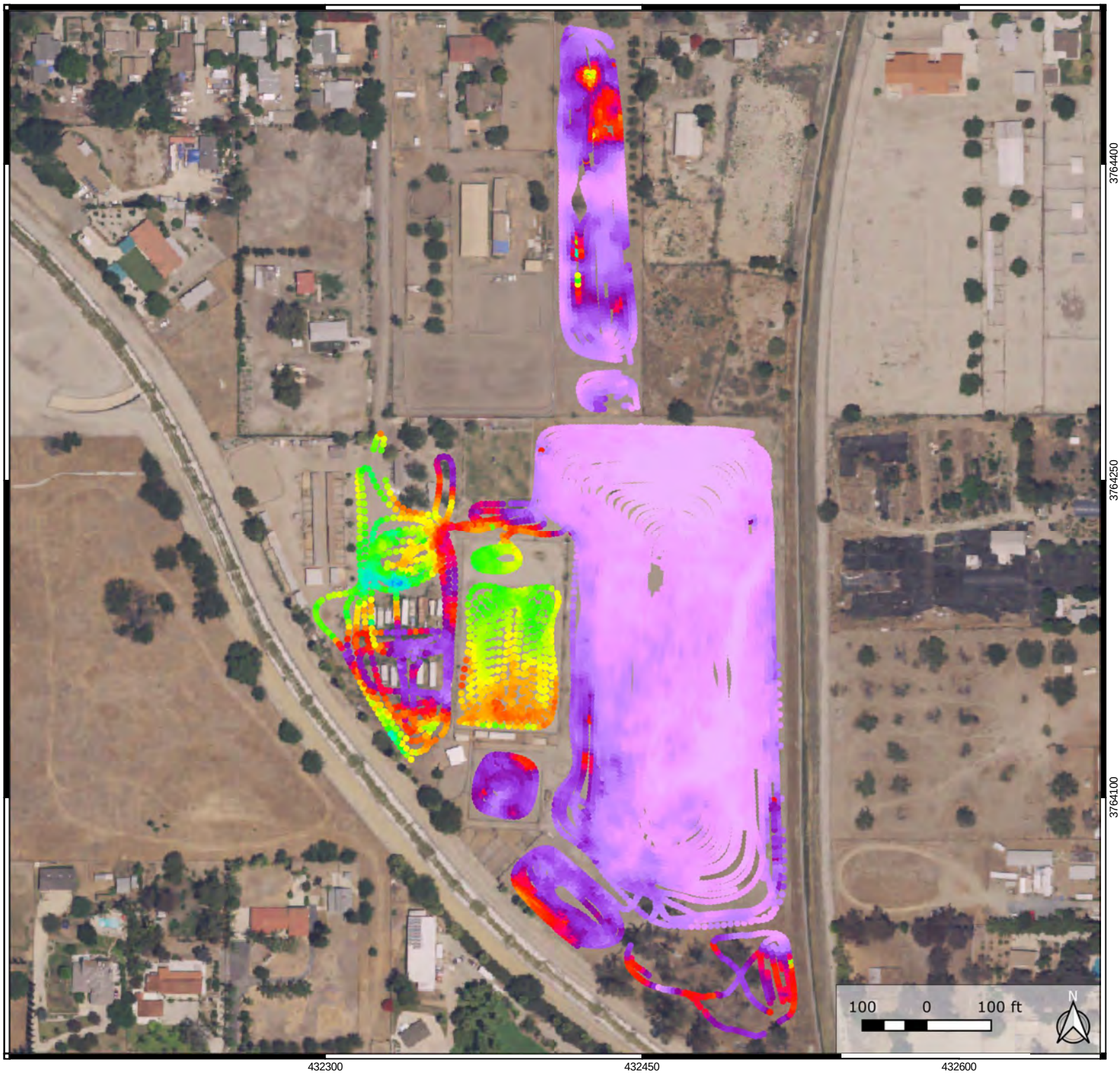


Figure A2-3: The data point distribution along a 600m long profile. The protocols used are Grad8L and Grad8S

Figure A2-4: The SAS4000 Terrameter and ES-10-64C switch box in operation

Figure A2-5: Stainless steel electrode connected to the multicore transmitter and receiver cable

APPENDIX 3
CONFLUENCE – DUALEM DEPTH INTERVALS



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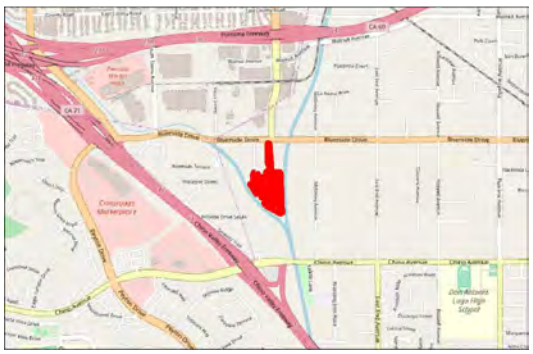


CONFLUENCE

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

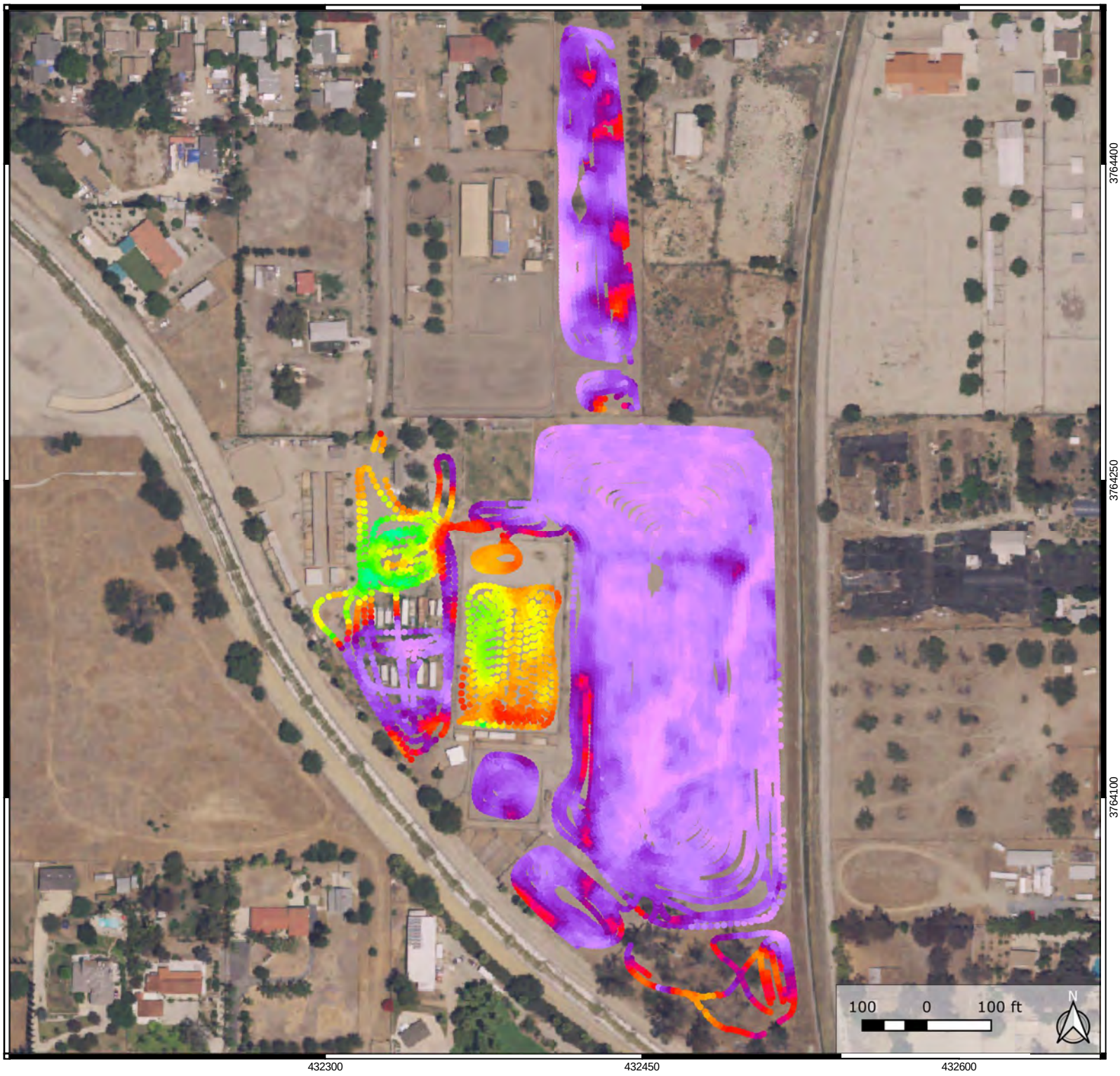
Rev.: 1
Date: 2018.11.22
By: PRT, MJLF
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix 3.1

DUALEM
Mean Resistivity in depth interval 0 to 1 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus



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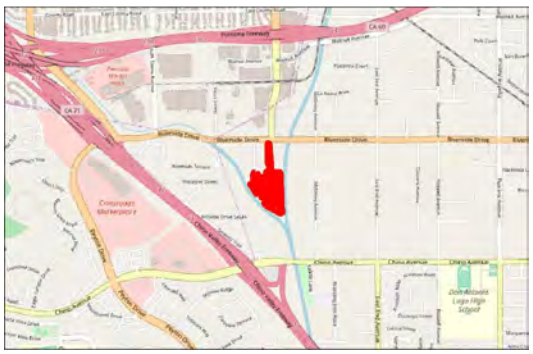

CONFLUENCE

Basemap: NAIP Plus - USGS

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Resistivity [Ohmm]

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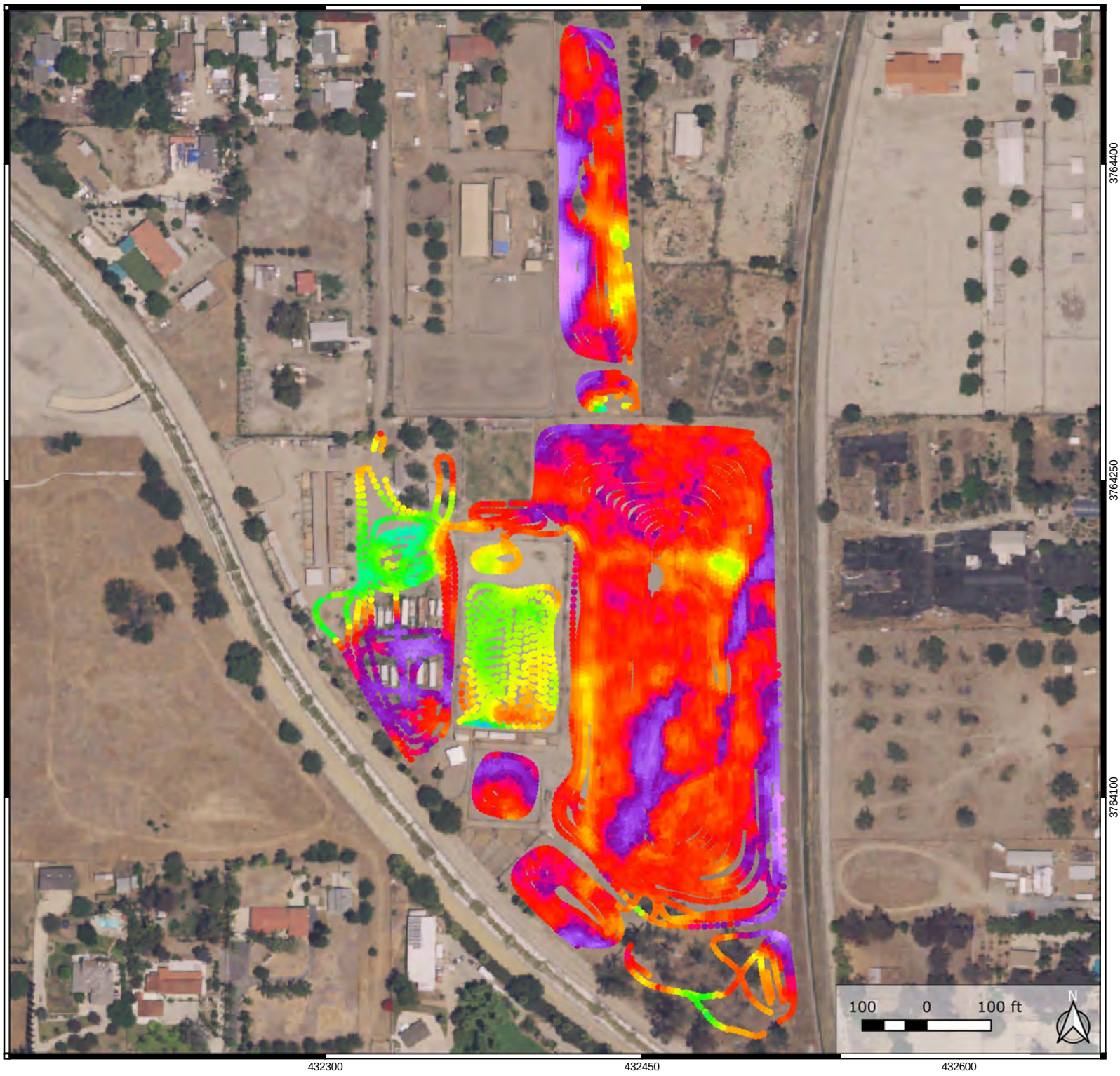
Approved: MAXH
Project: 1690010696

Appendix 3.2

DUALEM
Mean Resistivity in depth interval 1 to 3 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus



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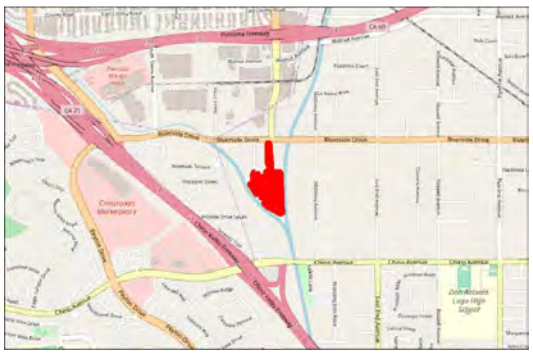

CONFLUENCE

Basemap: NAIP Plus - USGS

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Resistivity [Ohmm]

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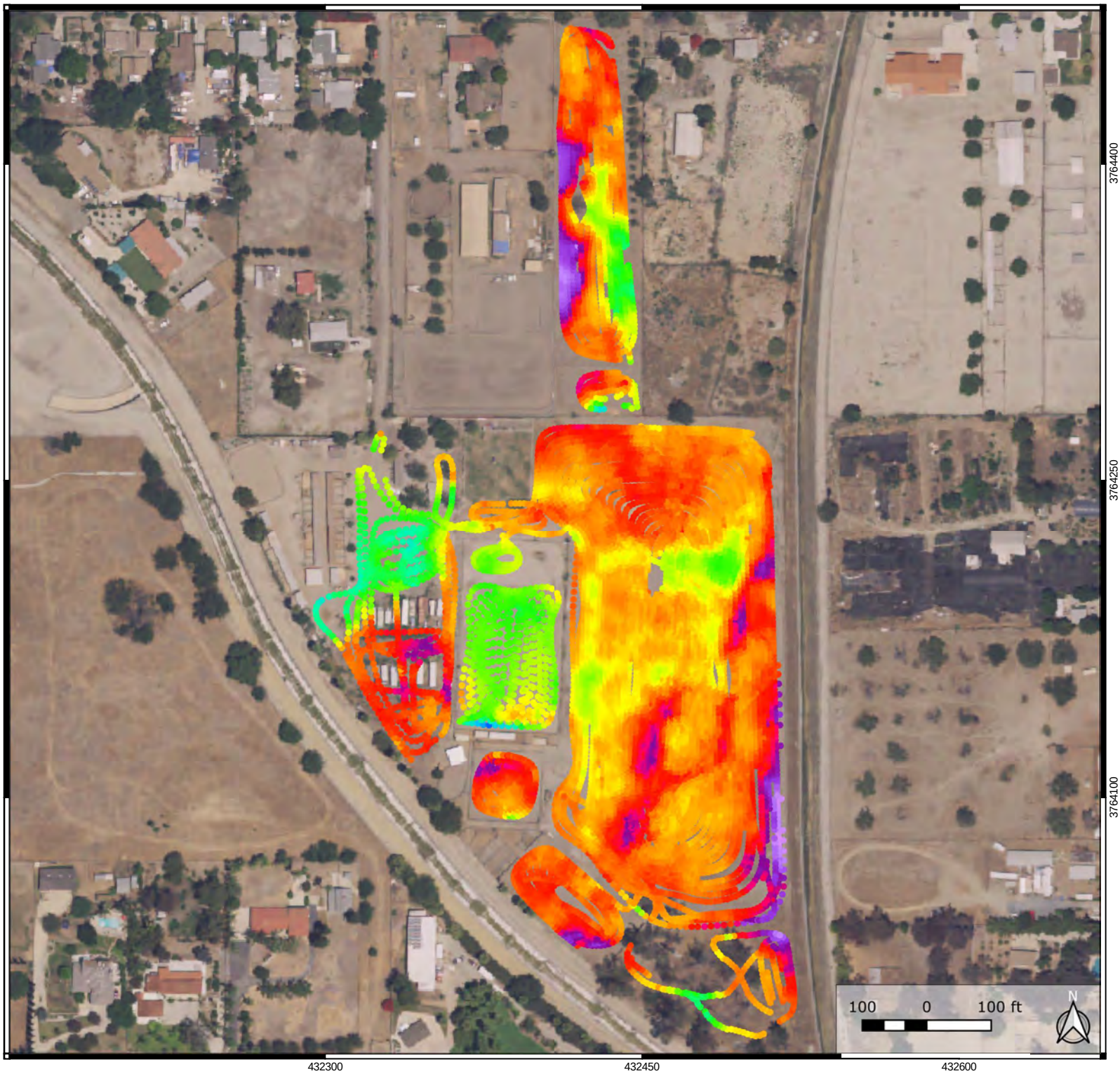
Project: 1690010696

Appendix 3.3

DUALEM
Mean Resistivity in depth interval 3 to 5 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus



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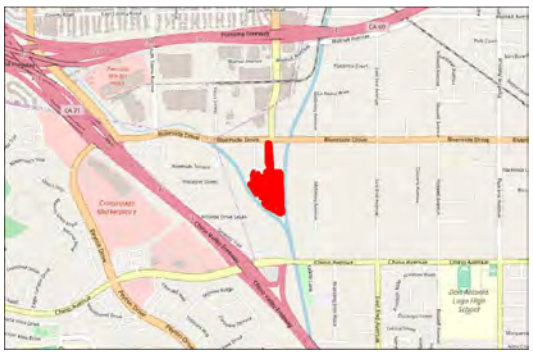

CONFLUENCE

Basemap: NAIP Plus - USGS

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Resistivity [Ohmm]

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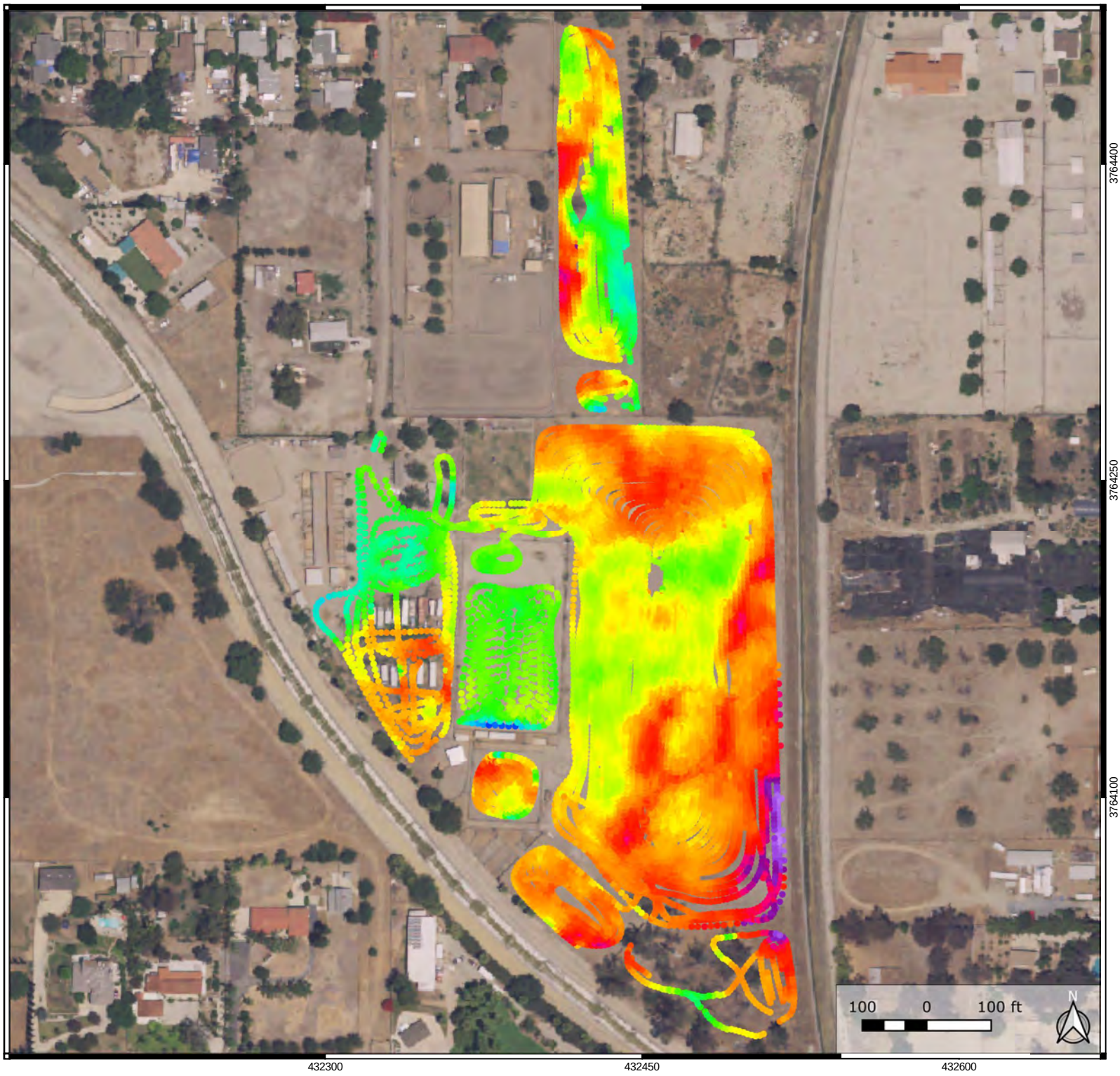
By: PRT, MJLF
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix 3.4

DUALEM
Mean Resistivity in depth interval 5 to 7 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus



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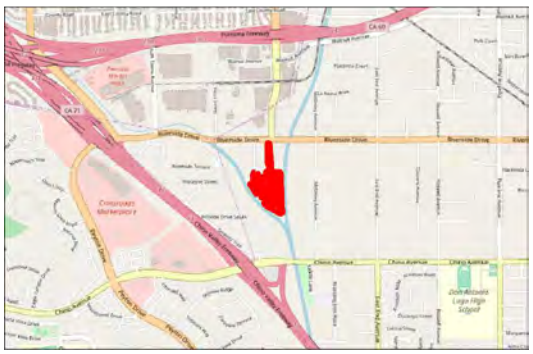
Water Conservation District | Waterwise Community Center



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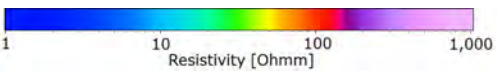

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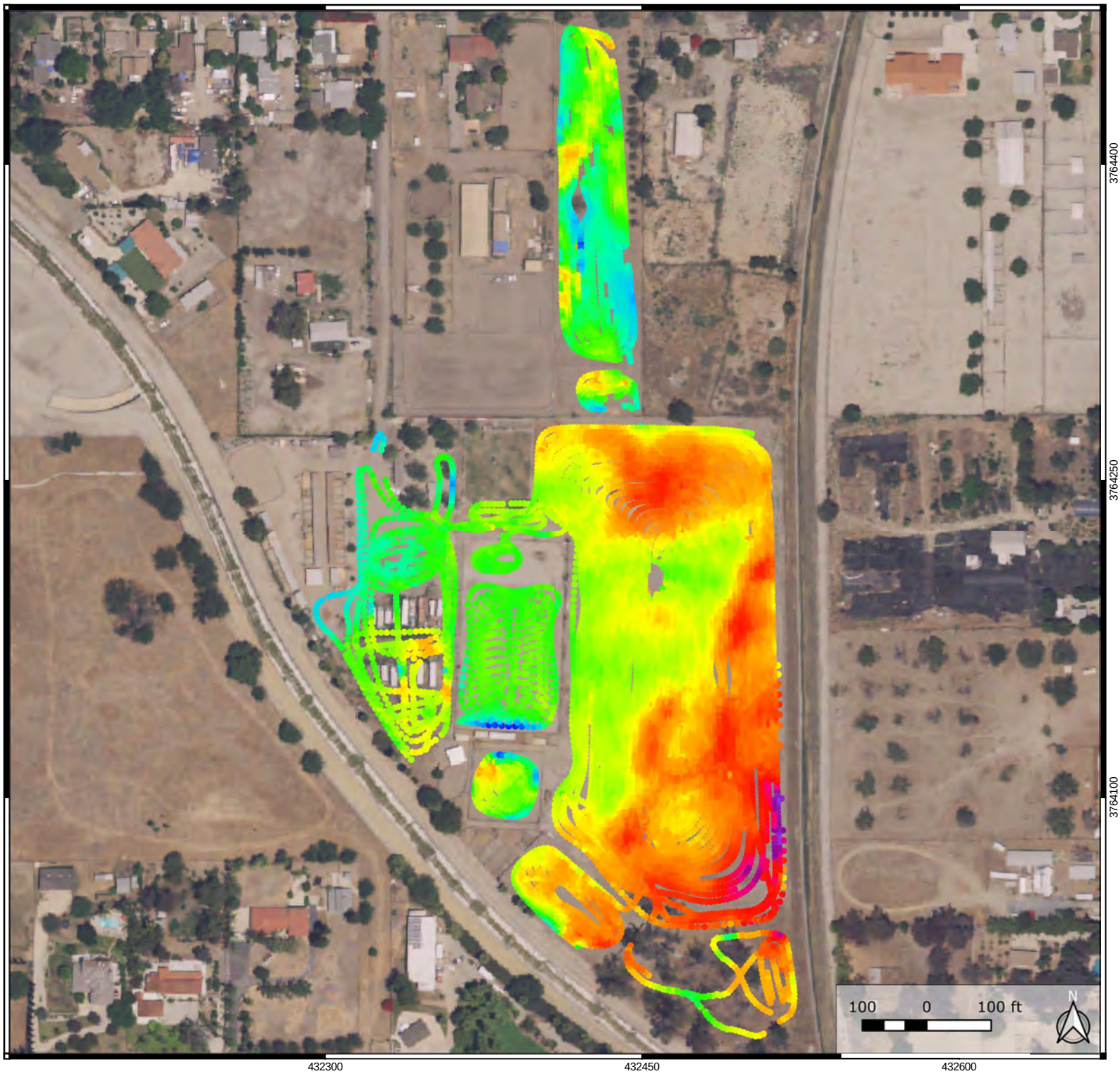
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix 3.5

DUALEM
Mean Resistivity in depth interval 7 to 9 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus



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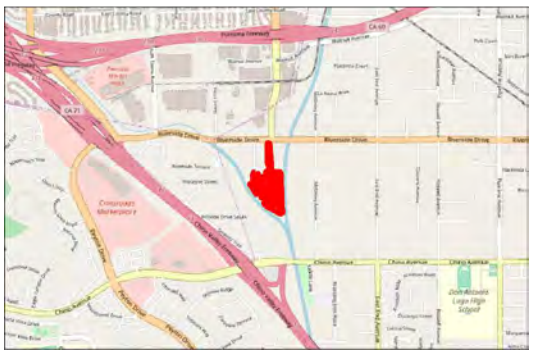

CONFLUENCE

Basemap: NAIP Plus - USGS

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Resistivity [Ohmm]

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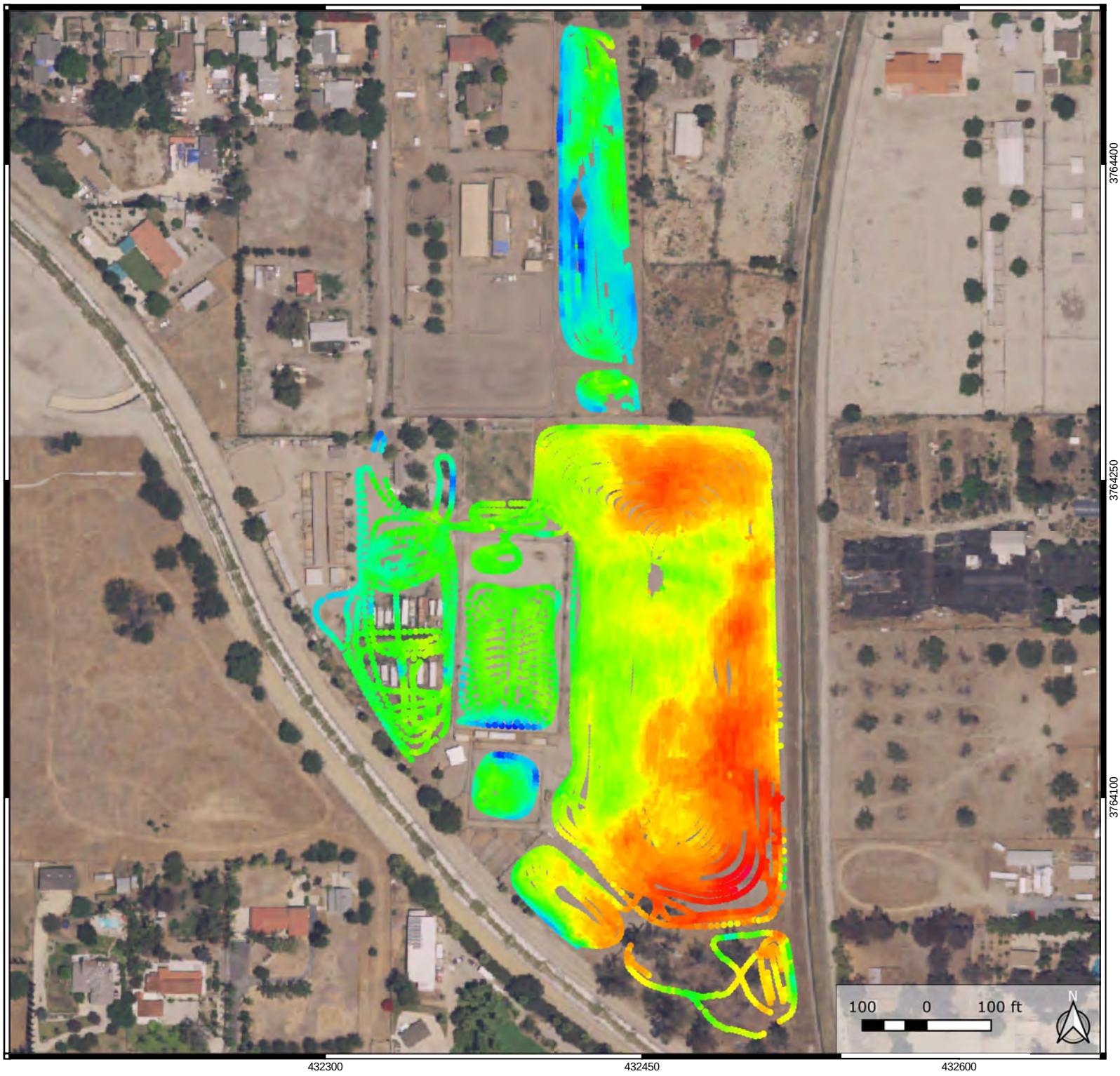
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix 3.6

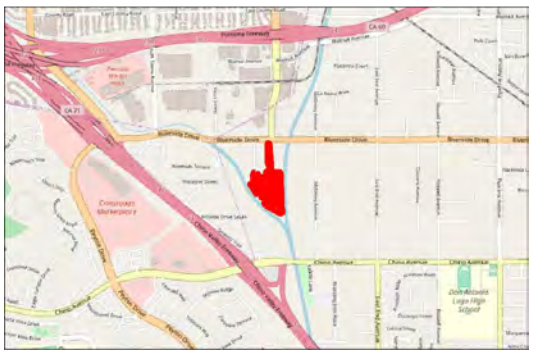
DUALEM
Mean Resistivity in depth interval 9 to 12 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus



CHINO BASIN Water Conservation District | Waterwise Community Center



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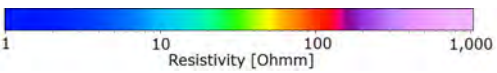

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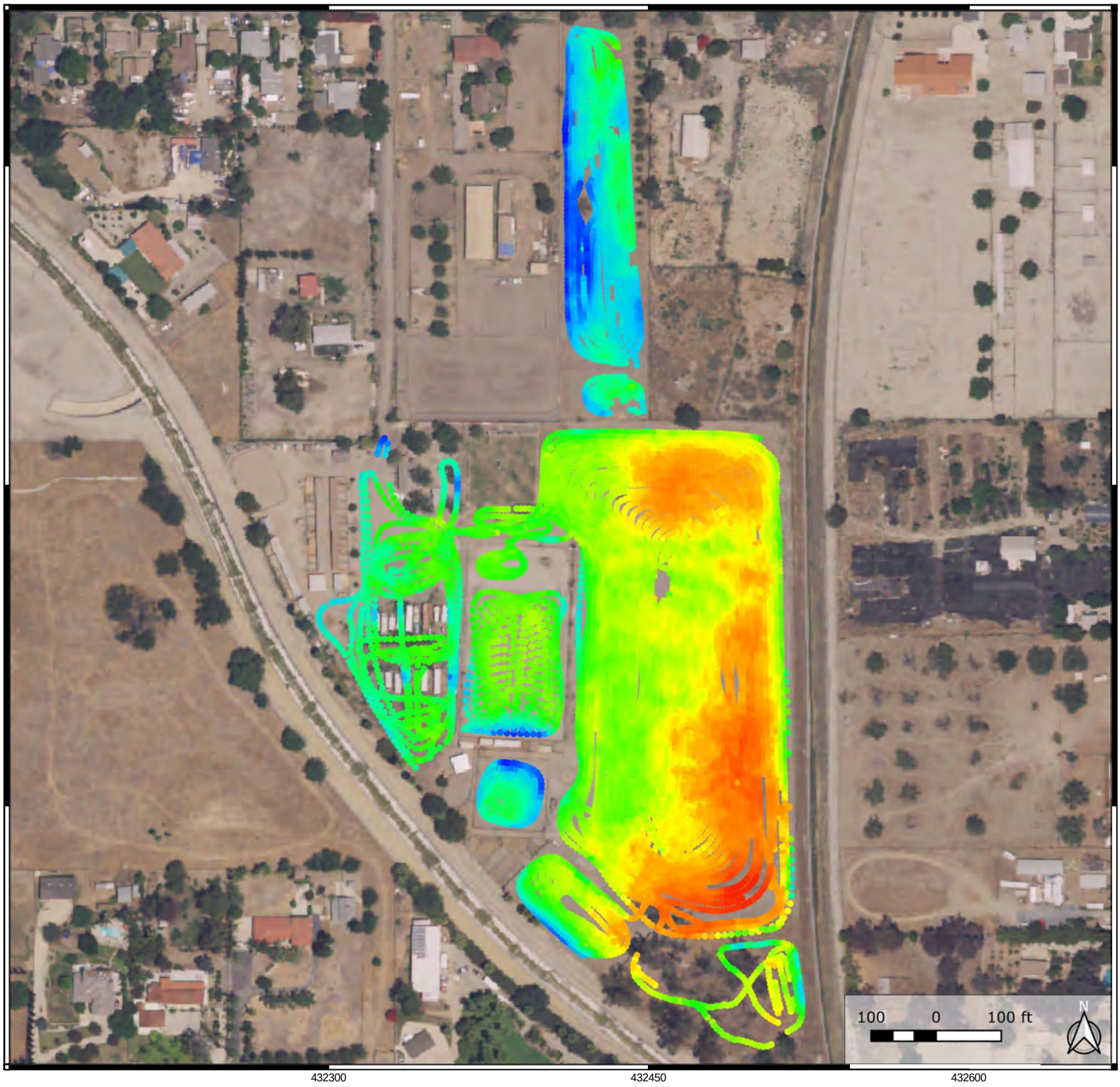
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix 3.7

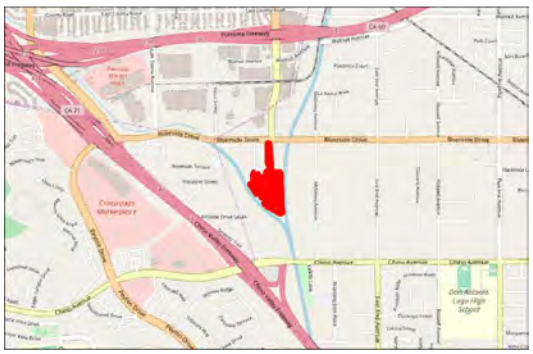
DUALEM
Mean Resistivity in depth interval 12 to 15 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus

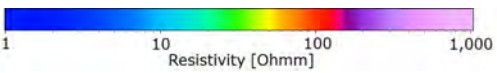


CHINO BASIN Water Conservation District | Waterwise Community Center



CONFLUENCE

Basemap: NAIP Plus - USGS



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Date: 2018.11.22
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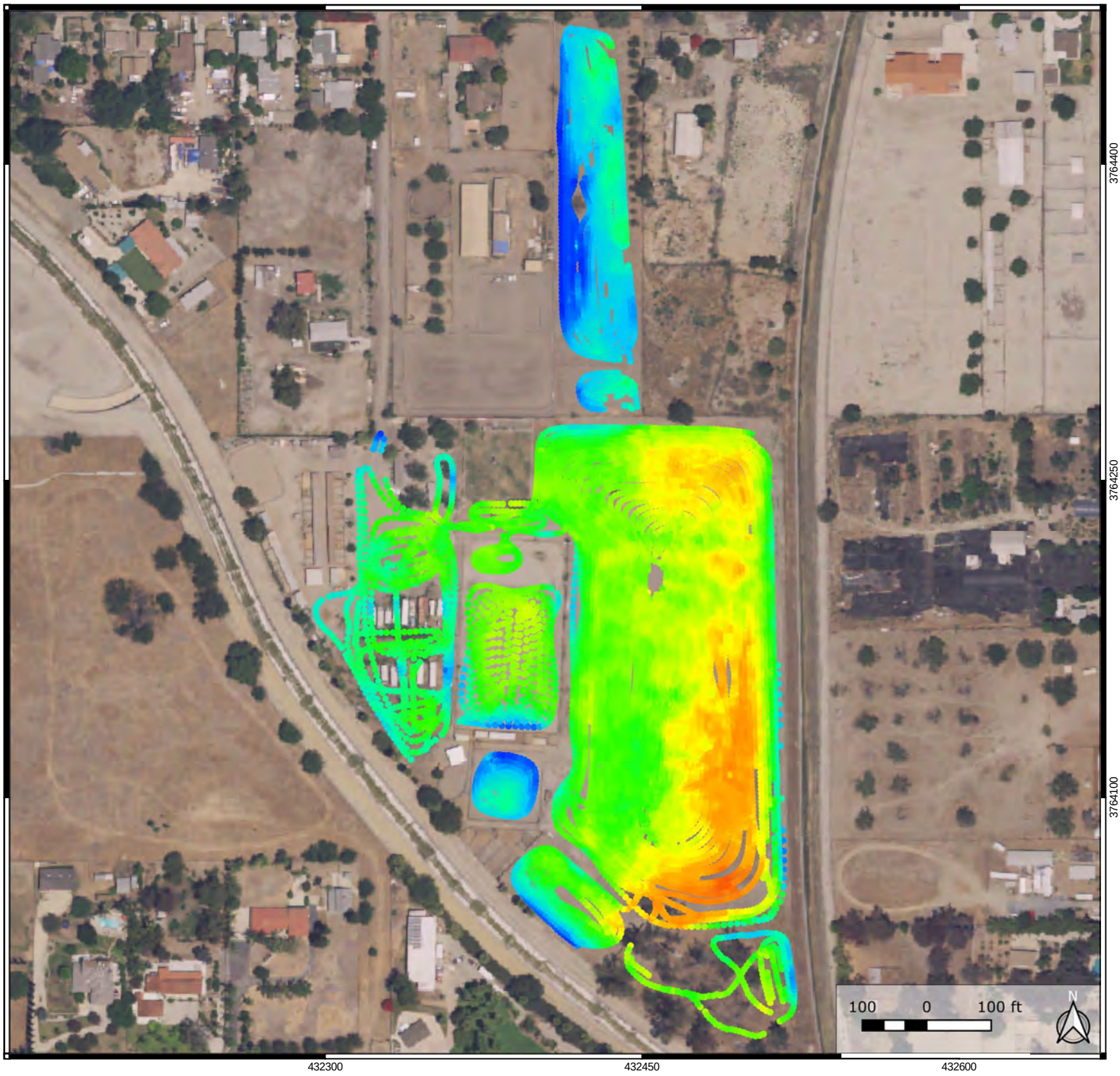
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix 3.8

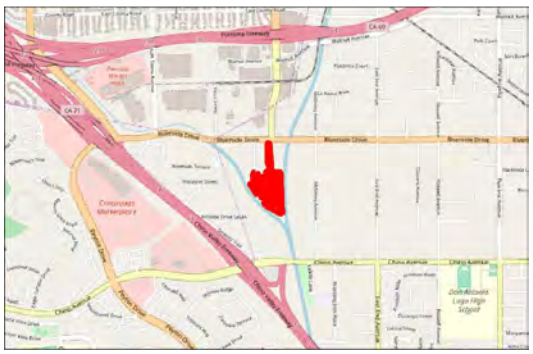
DUALEM
Mean Resistivity in depth interval 15 to 18 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus



CHINO BASIN Water Conservation District | Waterwise Community Center



CONFLUENCE

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

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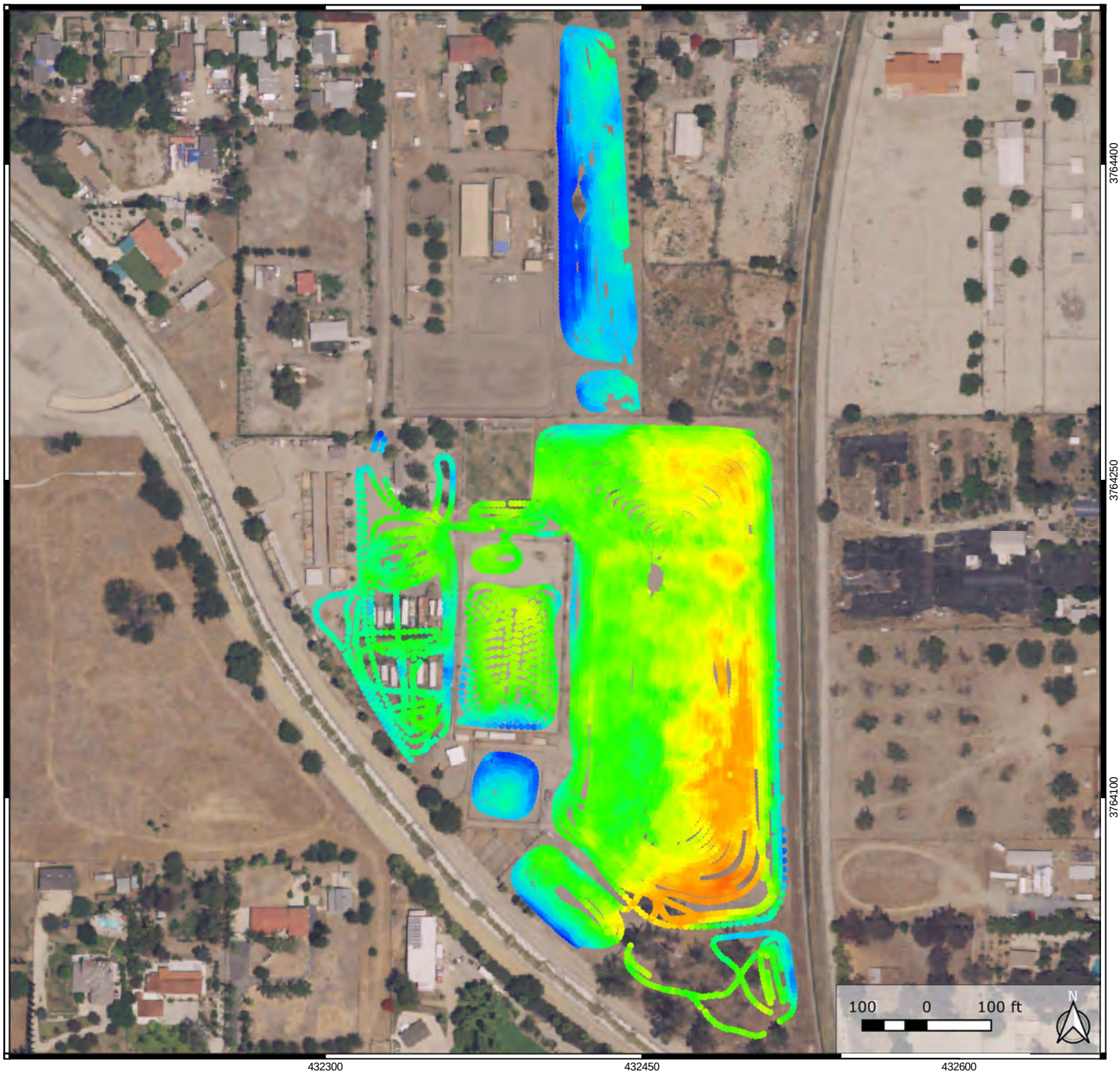
Project: 1690010696

Appendix 3.9

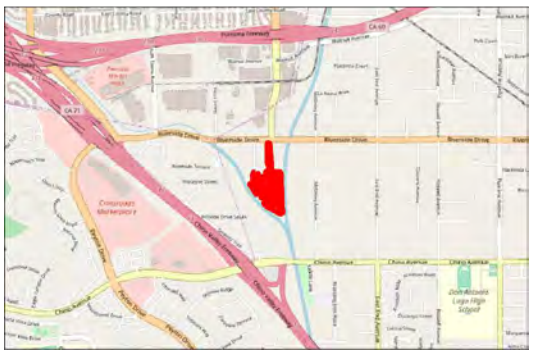
DUALEM
Mean Resistivity in depth interval 18 to 21 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus



CHINO BASIN Water Conservation District | Waterwise Community Center



CONFLUENCE

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

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Project: 1690010696

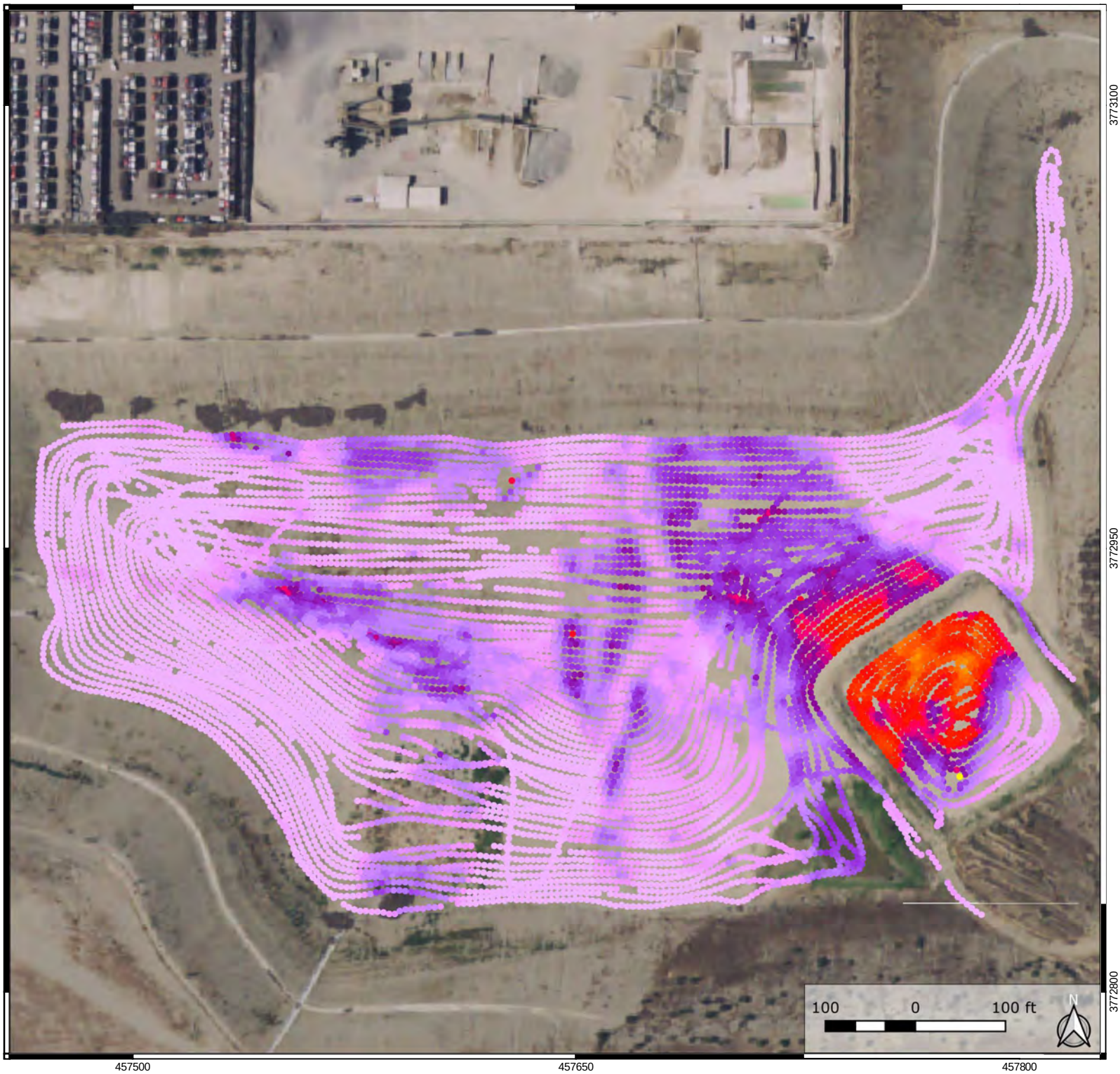
Appendix 3.10

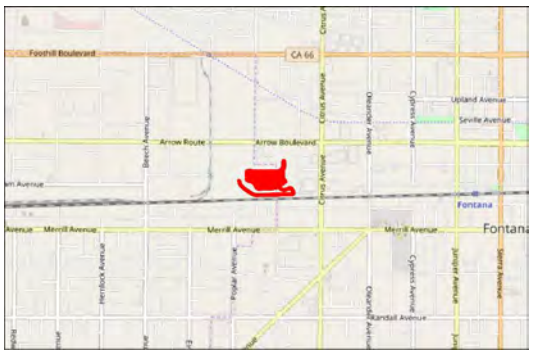
DUALEM
Mean Resistivity in depth interval 21 to 24 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus

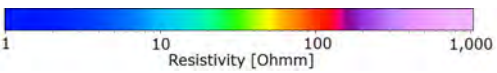
APPENDIX 4
FONTANA VULCAN PIT – DUALEM DEPTH INTERVALS





FONTANA VULCAN PIT

Basemap: NAIP Plus - USGS



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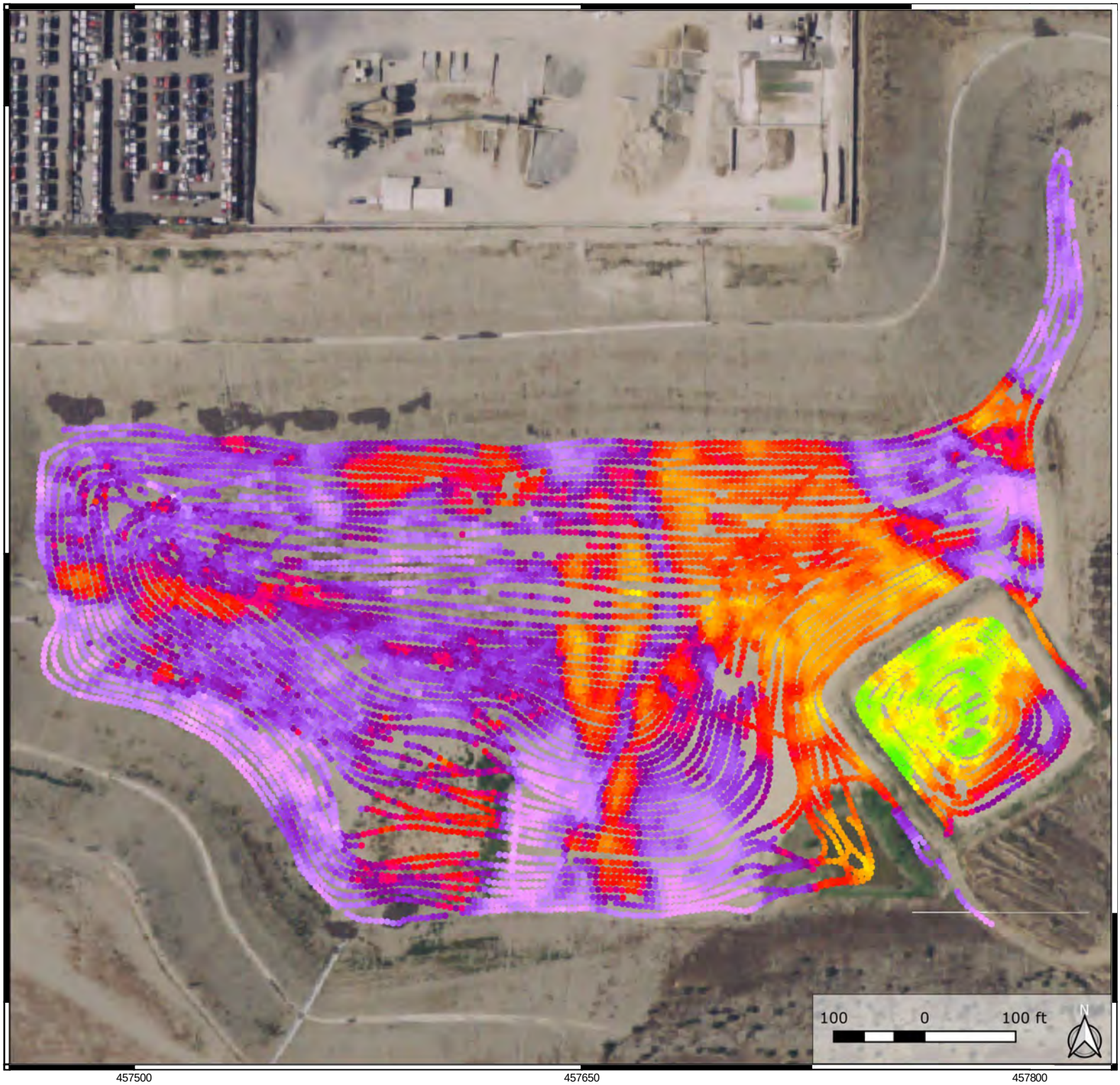
Project: 1690010696

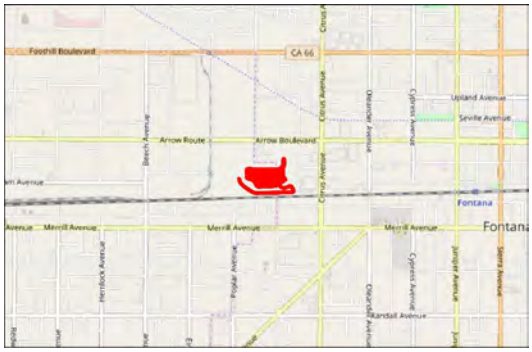
Appendix **4**.1

DUALEM
Mean Resistivity in depth interval 0 to 1 ft

RAMBØLL

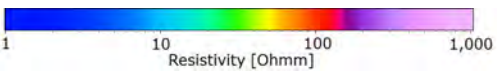
Olof Palmes Allé
DK 8200 Aarhus





FONTANA VULCAN PIT

Basemap: NAIP Plus - USGS



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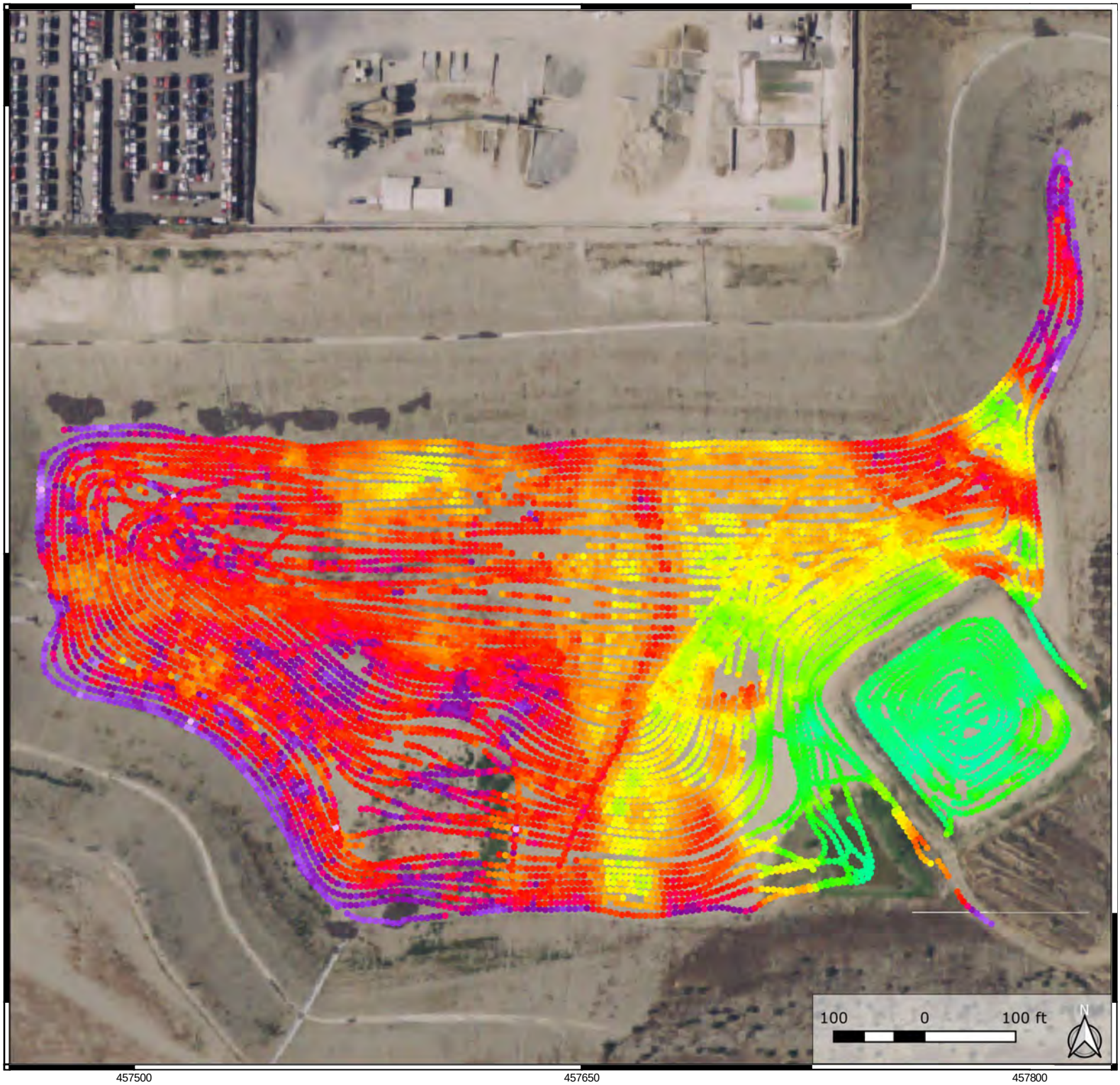
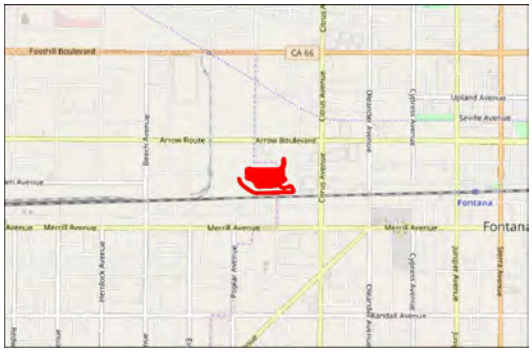
Project: 1690010696

Appendix **4.**2

DUALEM
Mean Resistivity in depth interval 1 to 3 ft

RAMBØLL
Olof Palmes Allé
DK 8200 Aarhus





FONTANA VULCAN PIT

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

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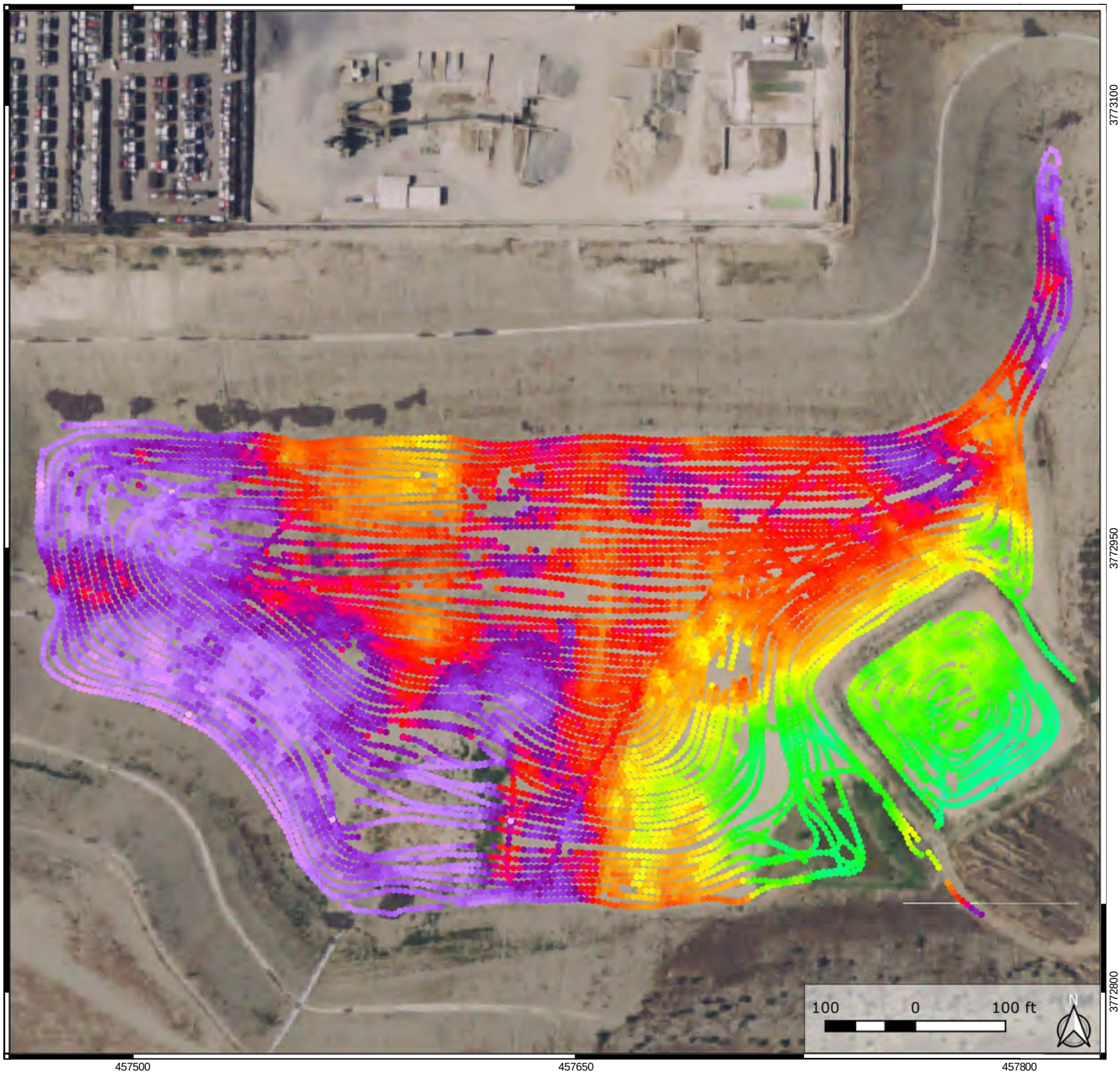
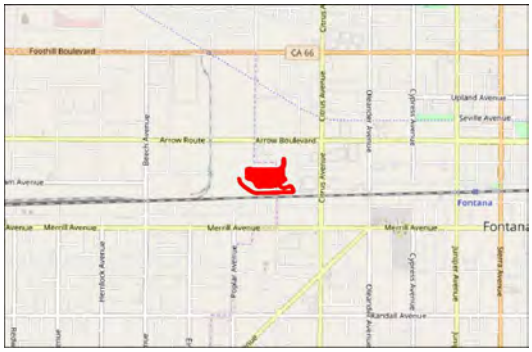
Project: 1690010696

Appendix **4**.3

DUALEM
Mean Resistivity in depth interval 3 to 5 ft

RAMBØLL
Olof Palmes Allé
DK 8200 Aarhus





FONTANA VULCAN PIT

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

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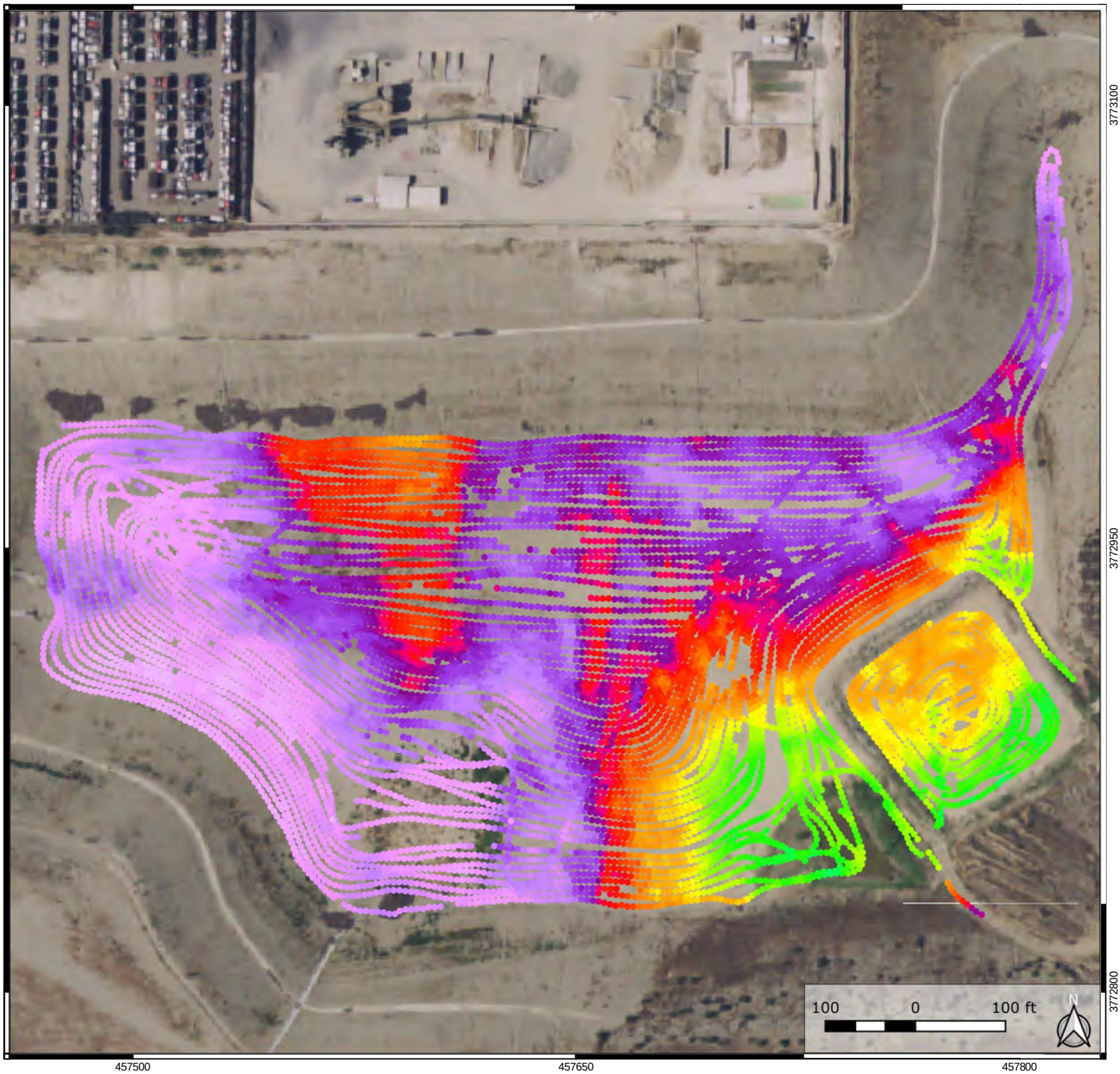
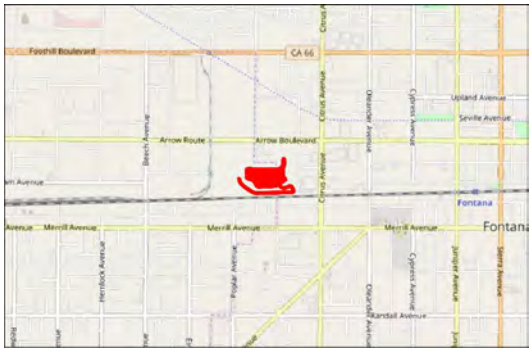
Project: 1690010696

Appendix **4**.4

DUALEM
Mean Resistivity in depth interval 5 to 7 ft

RAMBOLL
Olof Palmes Allé
DK 8200 Aarhus





FONTANA VULCAN PIT

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

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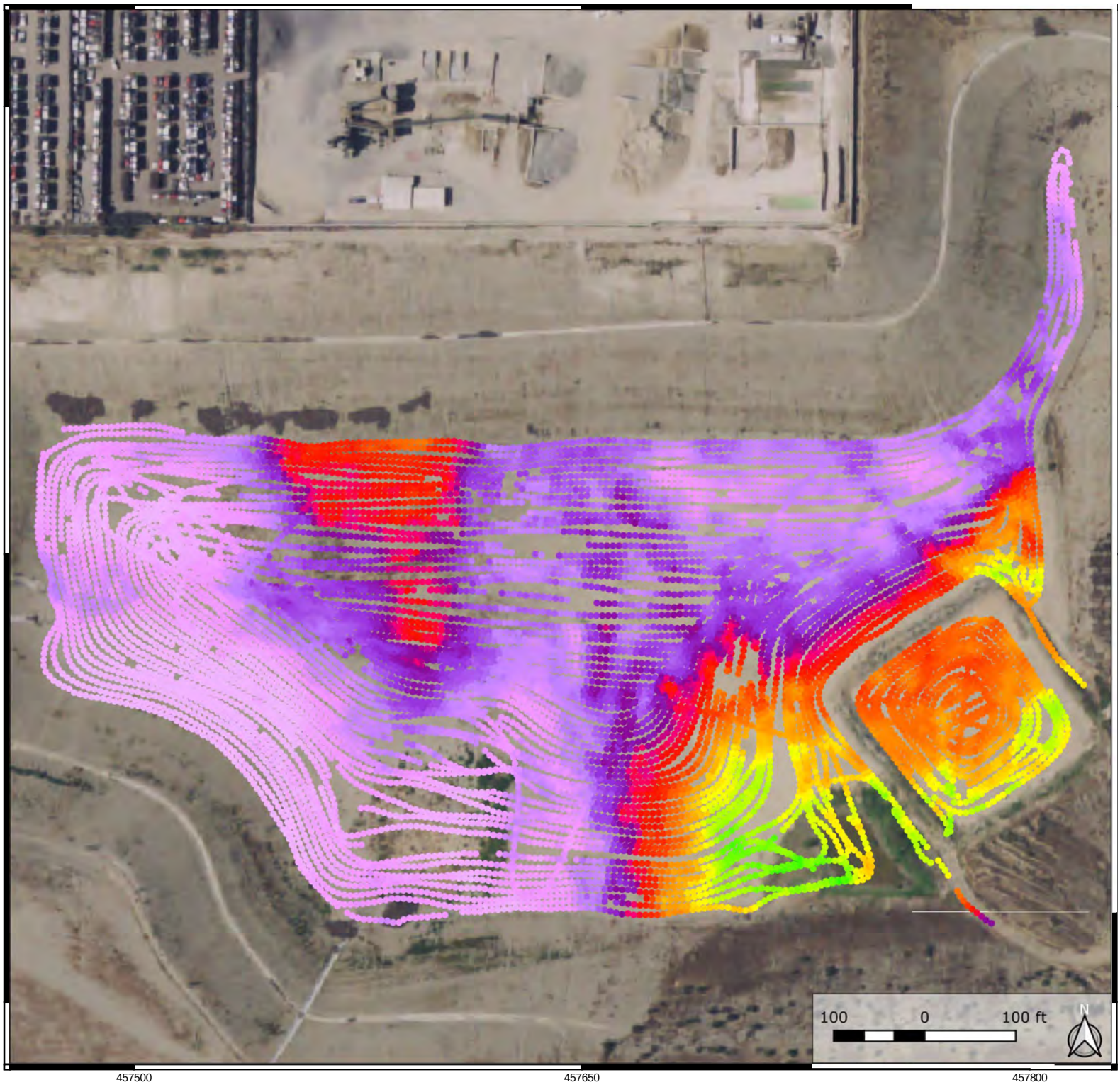
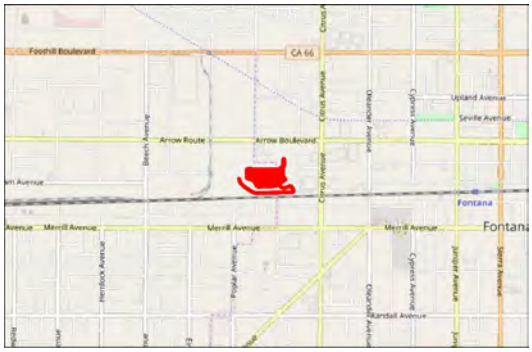
Appendix **4**.5

DUALEM
Mean Resistivity in depth interval 7 to 9 ft

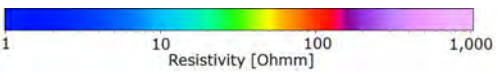
RAMBØLL
Olof Palmes Allé
DK 8200 Aarhus





FONTANA VULCAN PIT

Basemap: NAIP Plus - USGS



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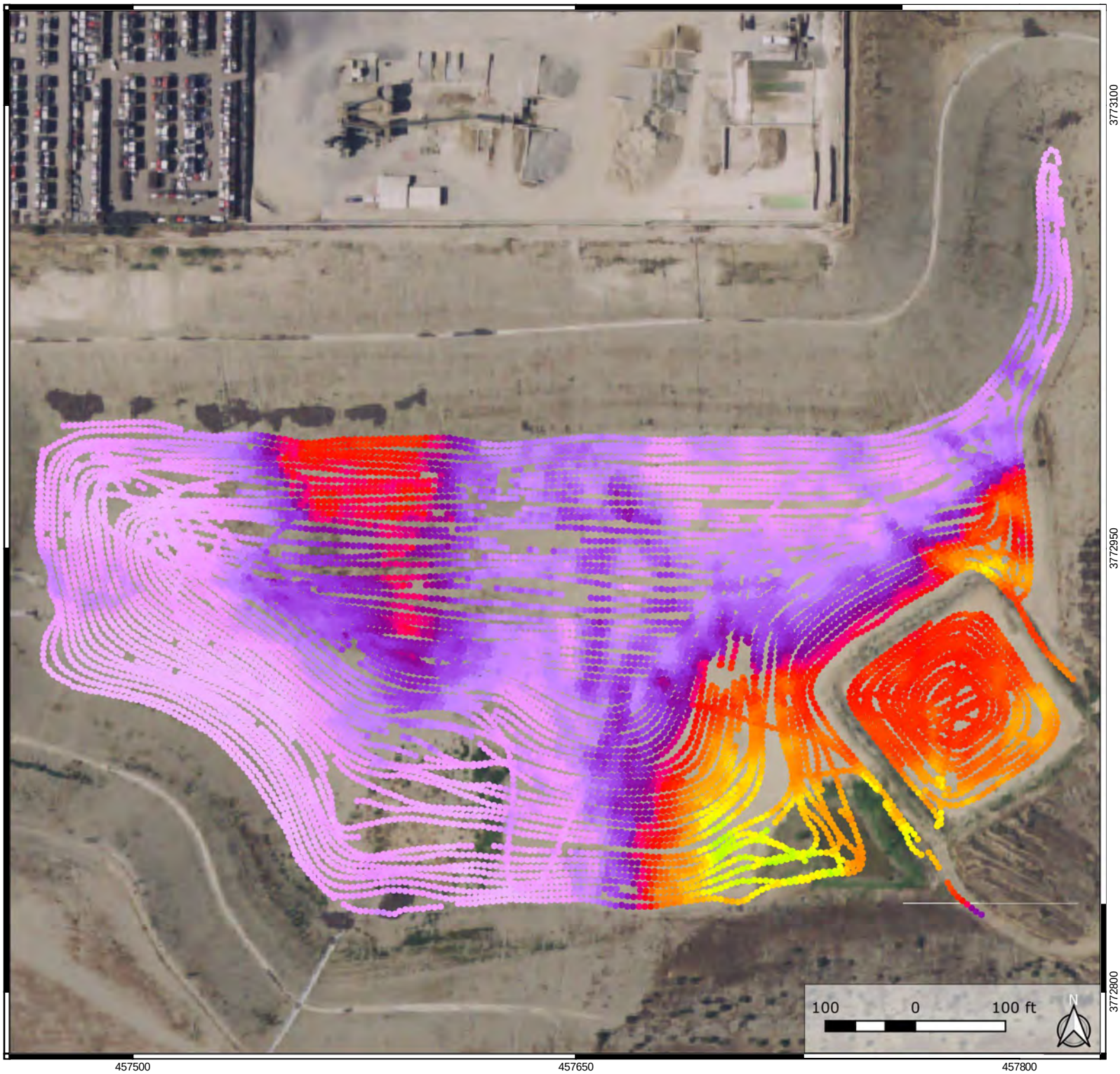
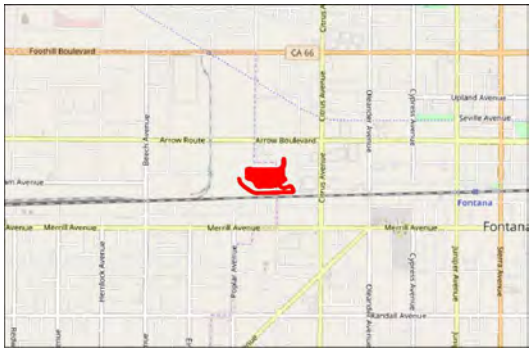
Appendix **4**.6

DUALEM
Mean Resistivity in depth interval 9 to 12 ft

RAMBØLL
Olof Palmes Allé
DK 8200 Aarhus





FONTANA VULCAN PIT

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

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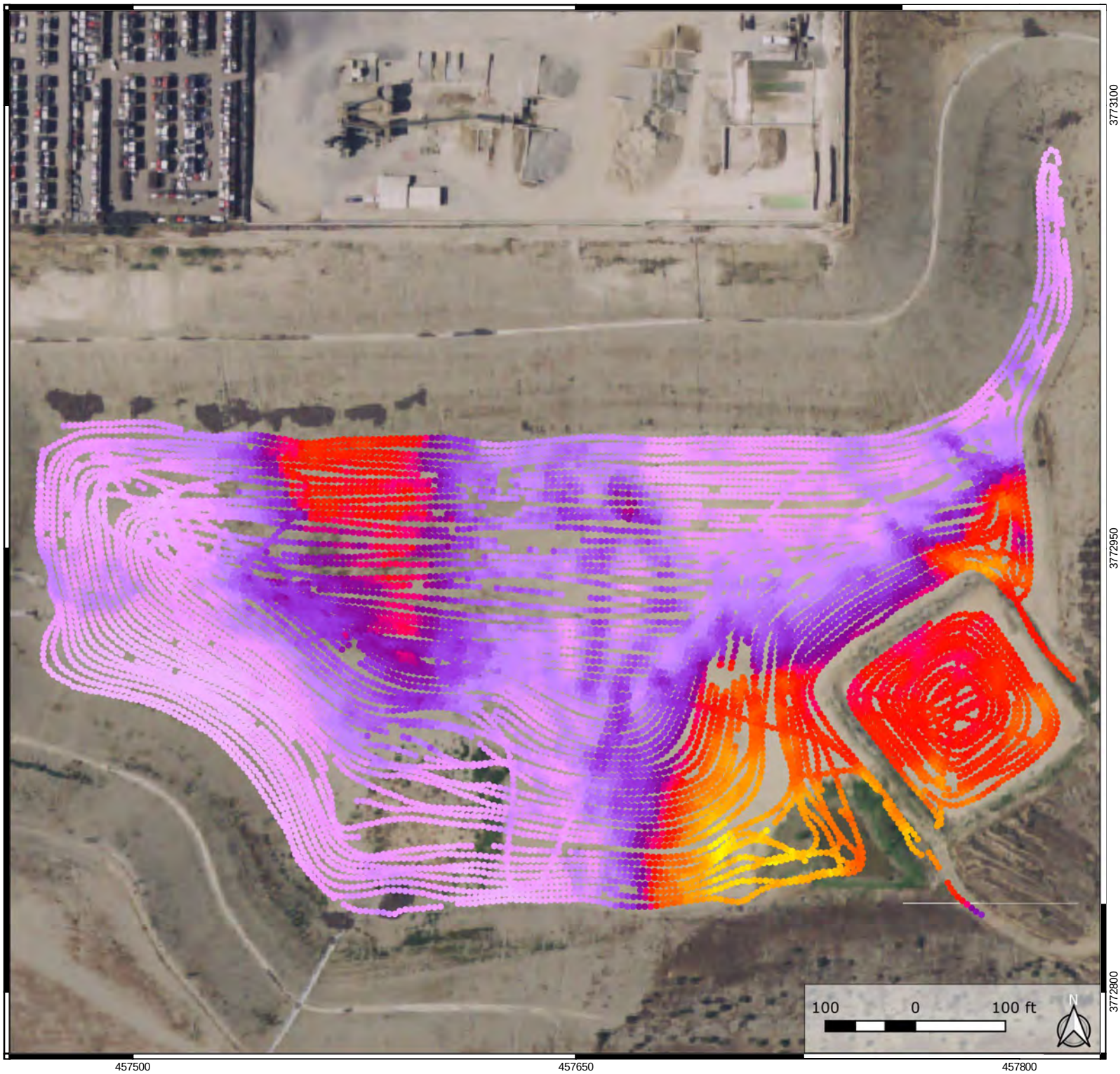
Approved: MAXH
Project: 1690010696

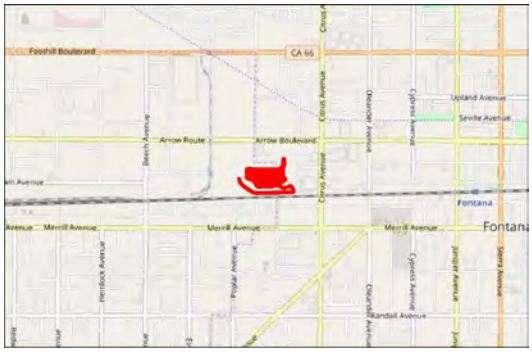
Appendix **4**.7

DUALEM
Mean Resistivity in depth interval 12 to 15 ft

RAMBØLL

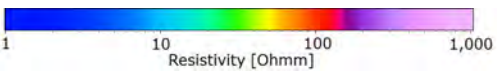
Olof Palmes Allé
DK 8200 Aarhus





FONTANA VULCAN PIT

Basemap: NAIP Plus - USGS



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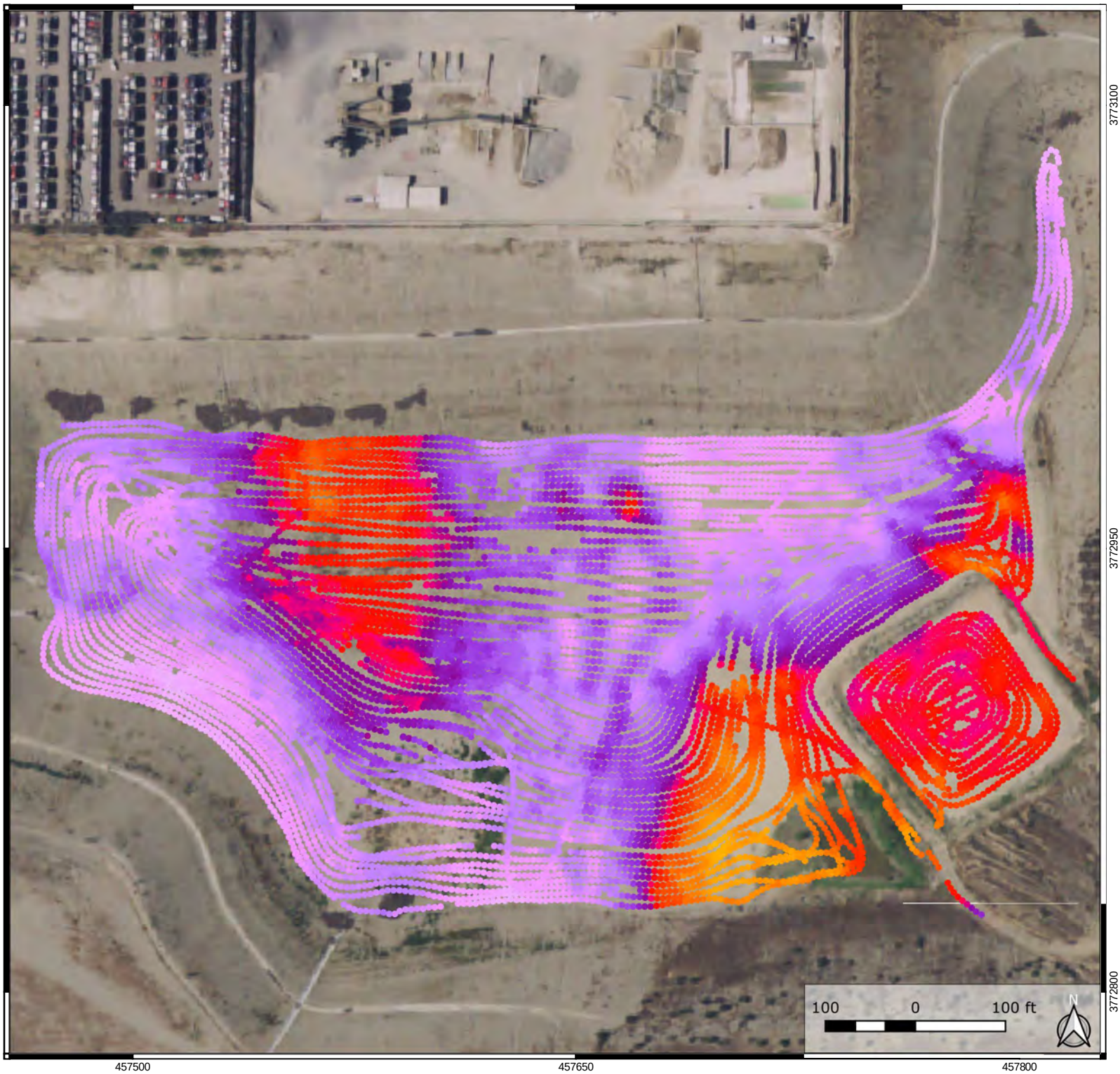
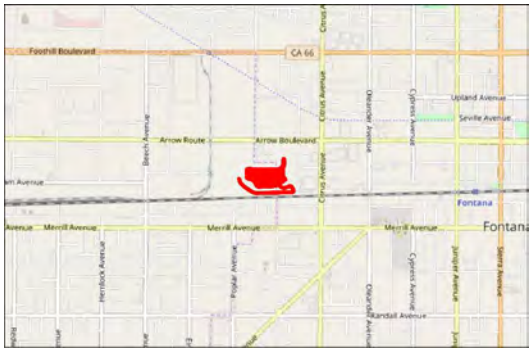
Approved: MAXH
Project: 1690010696

Appendix **4**.8

DUALEM
Mean Resistivity in depth interval 15 to 18 ft

RAMBØLL
Olof Palmes Allé
DK 8200 Aarhus





FONTANA VULCAN PIT

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

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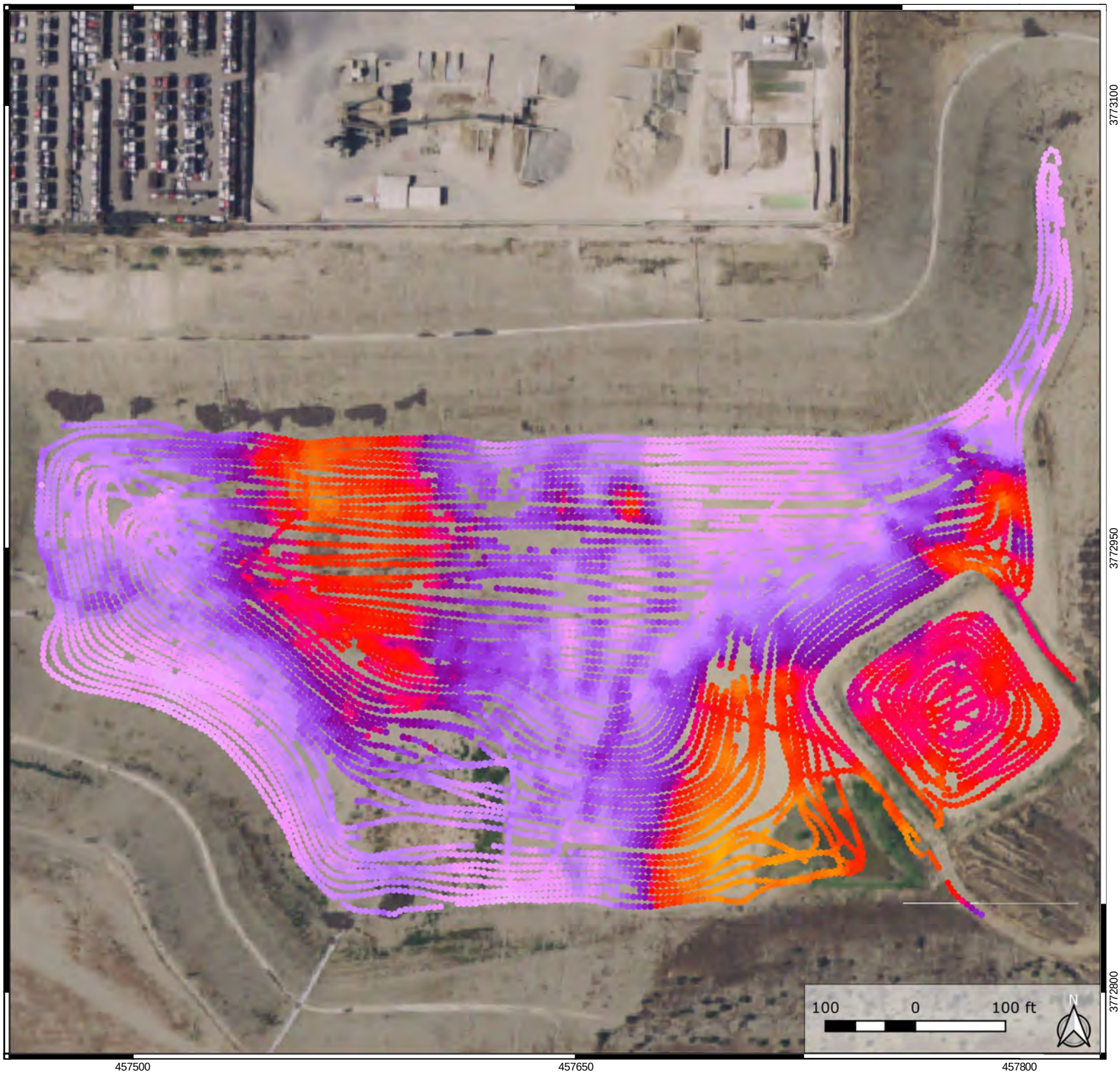
Approved: MAXH
Project: 1690010696

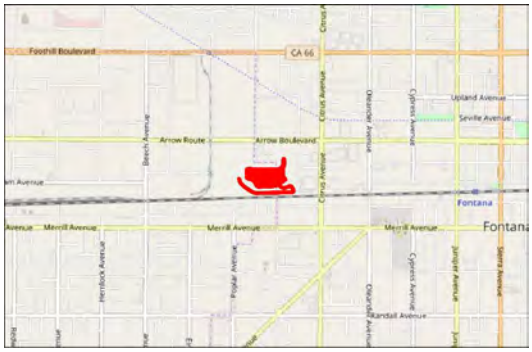
Appendix **4**.9

DUALEM
Mean Resistivity in depth interval 18 to 21 ft

RAMBØLL

Olof Palmes Allé
DK 8200 Aarhus





FONTANA VULCAN PIT

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

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Project: 1690010696

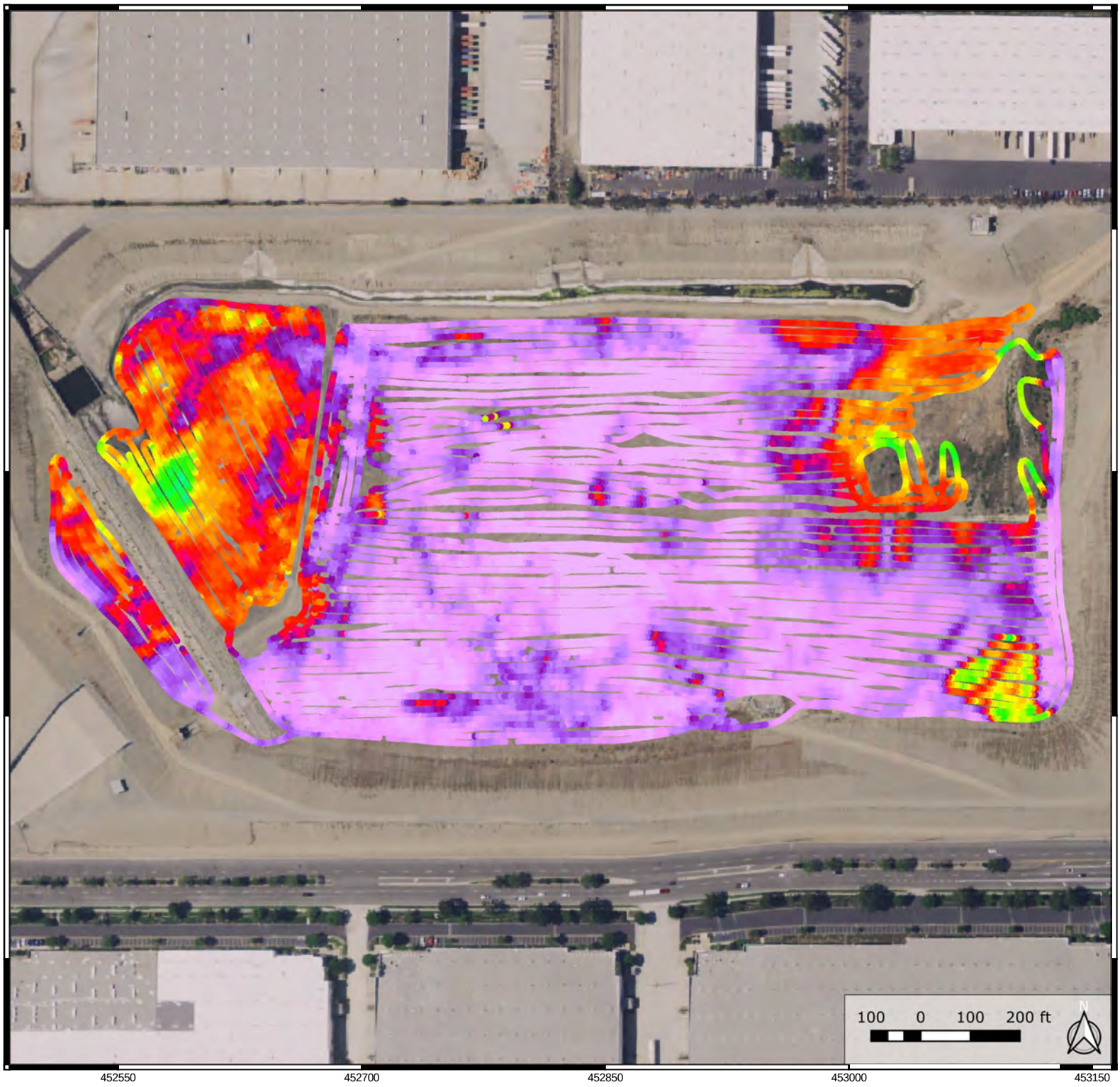
Appendix **4**.10

DUALEM
Mean Resistivity in depth interval 21 to 24 ft

RAMBØLL

Olof Palmes Allé
DK 8200 Aarhus

APPENDIX 5
JURUPA BASIN – DUALEM DEPTH INTERVALS



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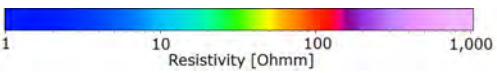
JURUPA

Basemap: NAIP Plus - USGS



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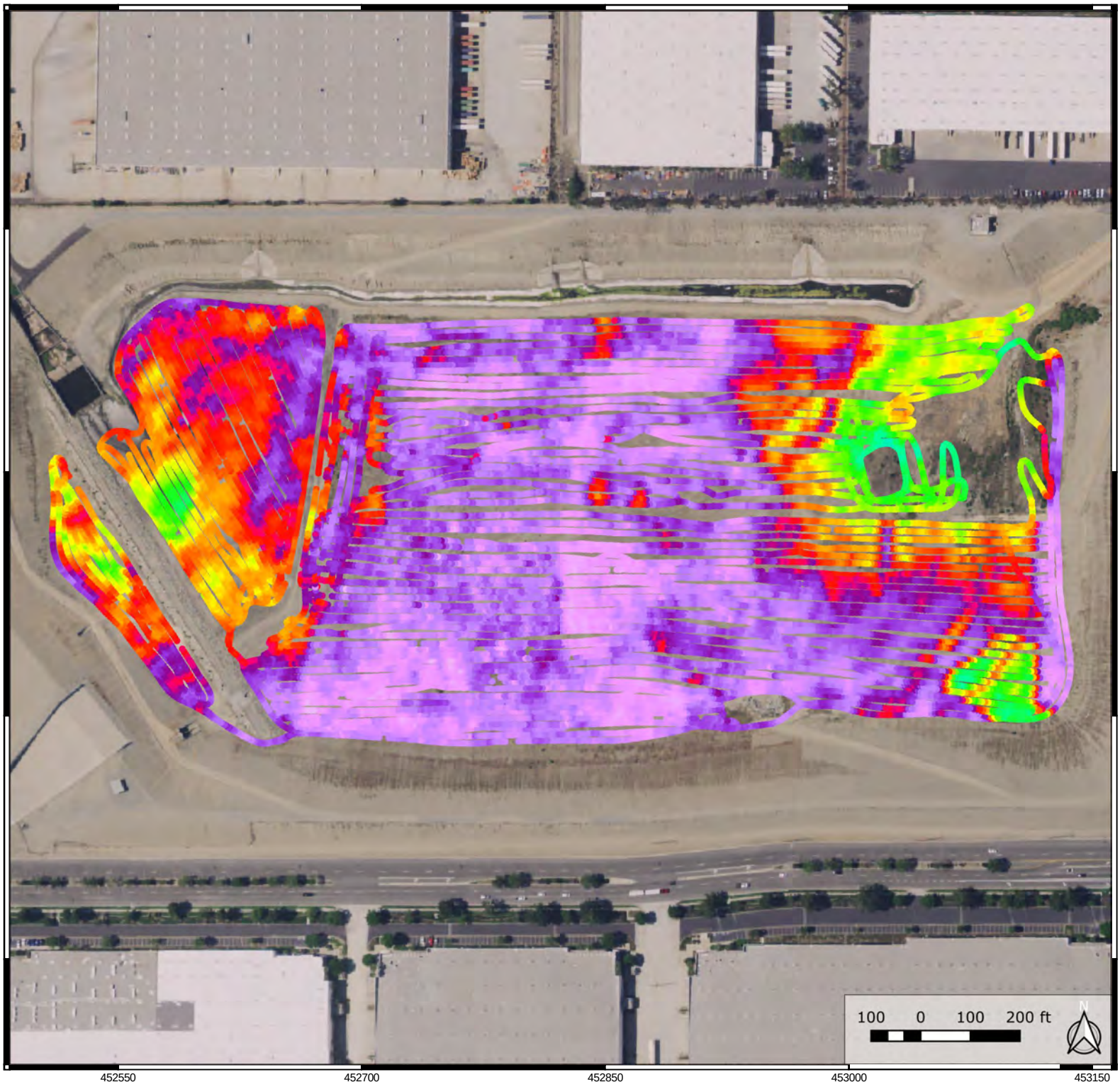
Project: 1690010696

Appendix **5**.1

DUALEM
Mean Resistivity in depth interval 0 to 1 ft

RAMBØLL

Olof Palmes Allé
DK 8200 Aarhus



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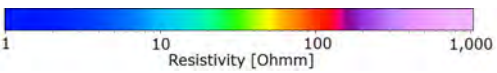
A MUNICIPAL WATER DISTRICT

JURUPA

Basemap: NAIP Plus - USGS



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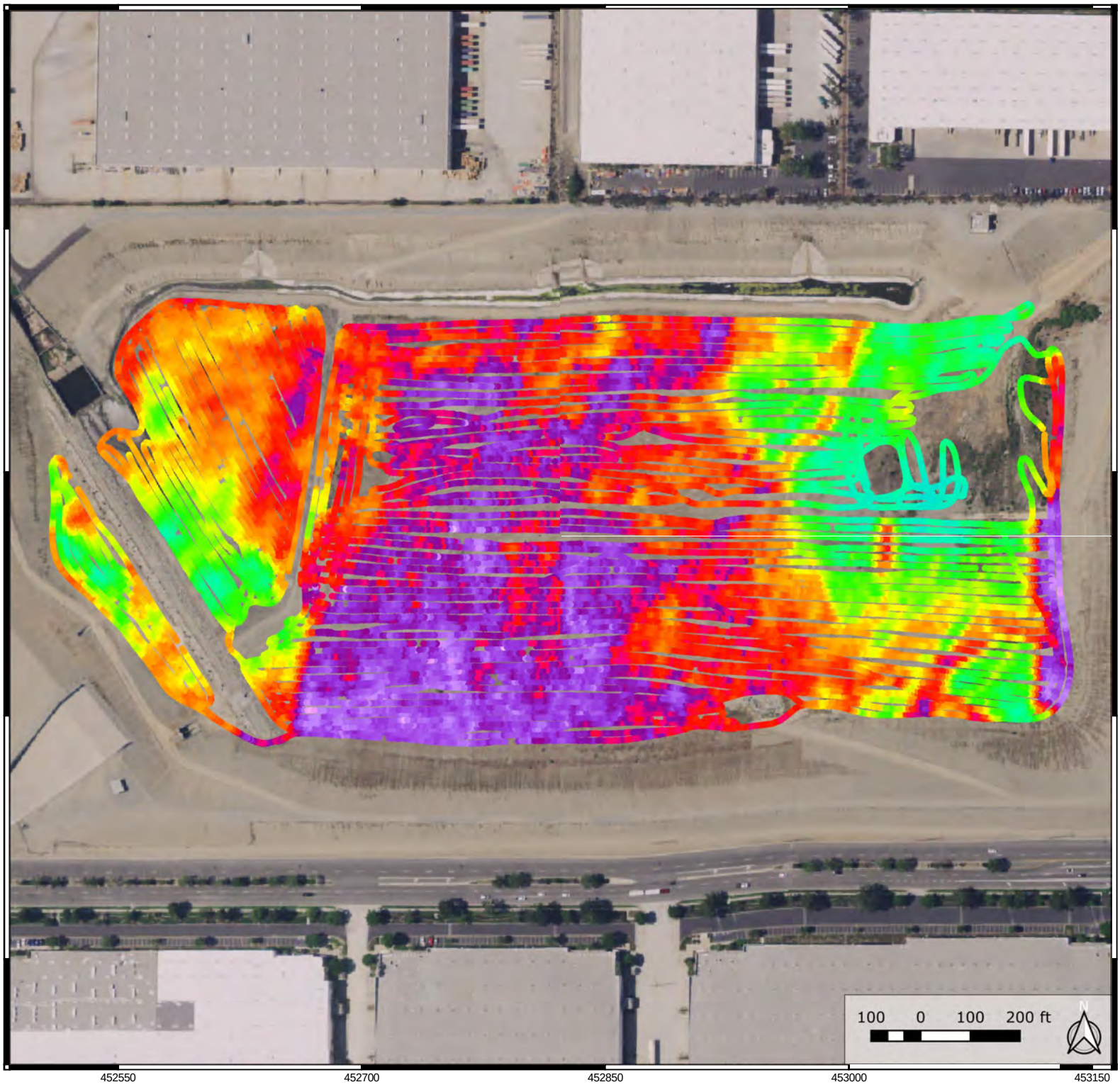
Project: 1690010696

Appendix **5**.2

DUALEM
Mean Resistivity in depth interval 1 to 3 ft

RAMBØLL

Olof Palmes Allé
DK 8200 Aarhus



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JURUPA

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

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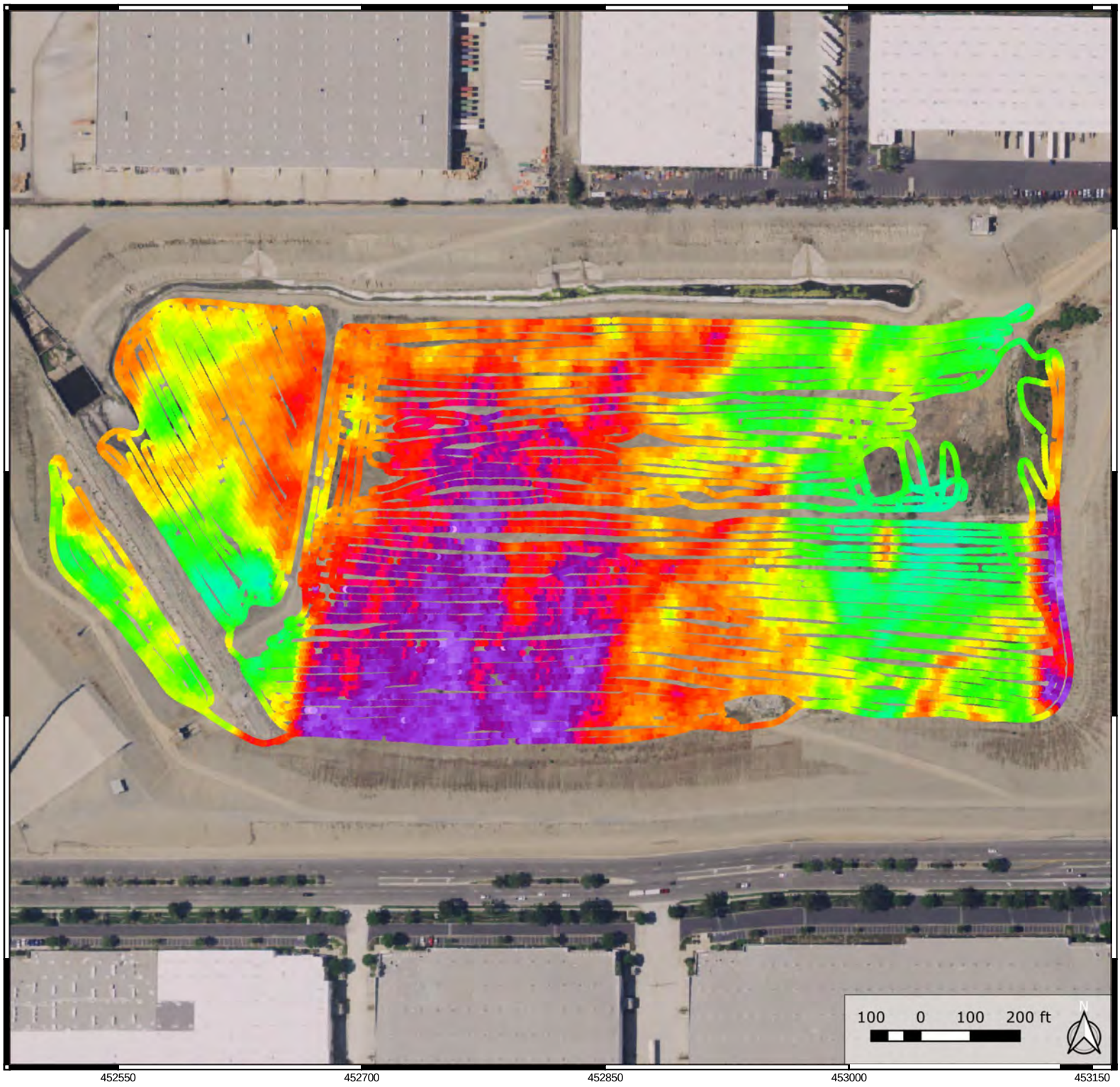
Project: 1690010696

Appendix **5**.3

DUALEM
Mean Resistivity in depth interval 3 to 5 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus



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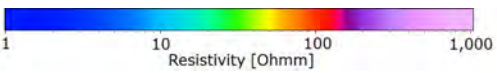
JURUPA

Basemap: NAIP Plus - USGS



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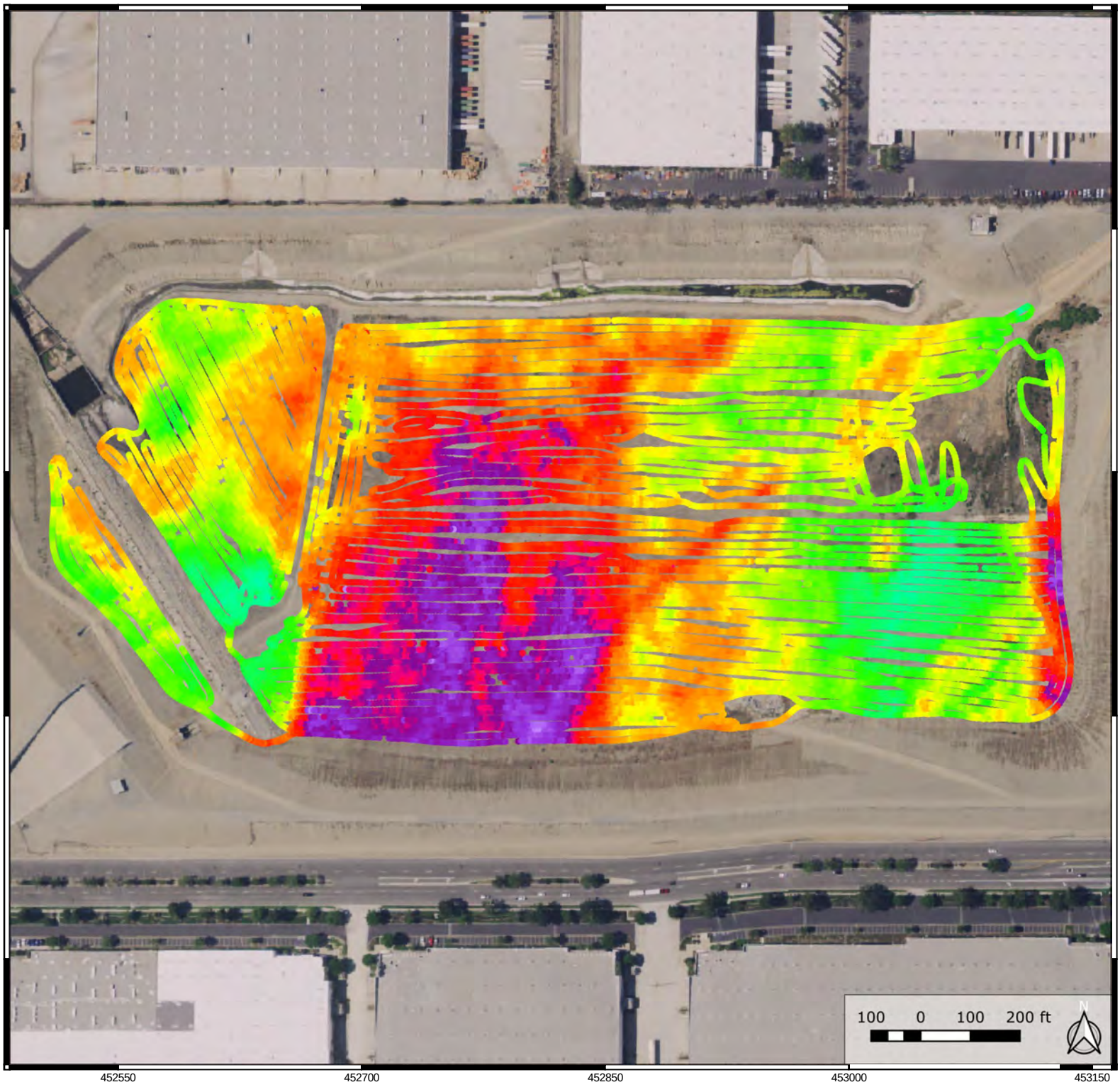
Project: 1690010696

Appendix **5**.4

DUALEM
Mean Resistivity in depth interval 5 to 7 ft

RAMBØLL

Olof Palmes Allé
DK 8200 Aarhus



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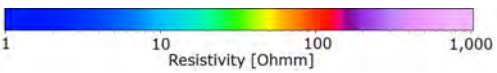
A MUNICIPAL WATER DISTRICT

JURUPA

Basemap: NAIP Plus - USGS



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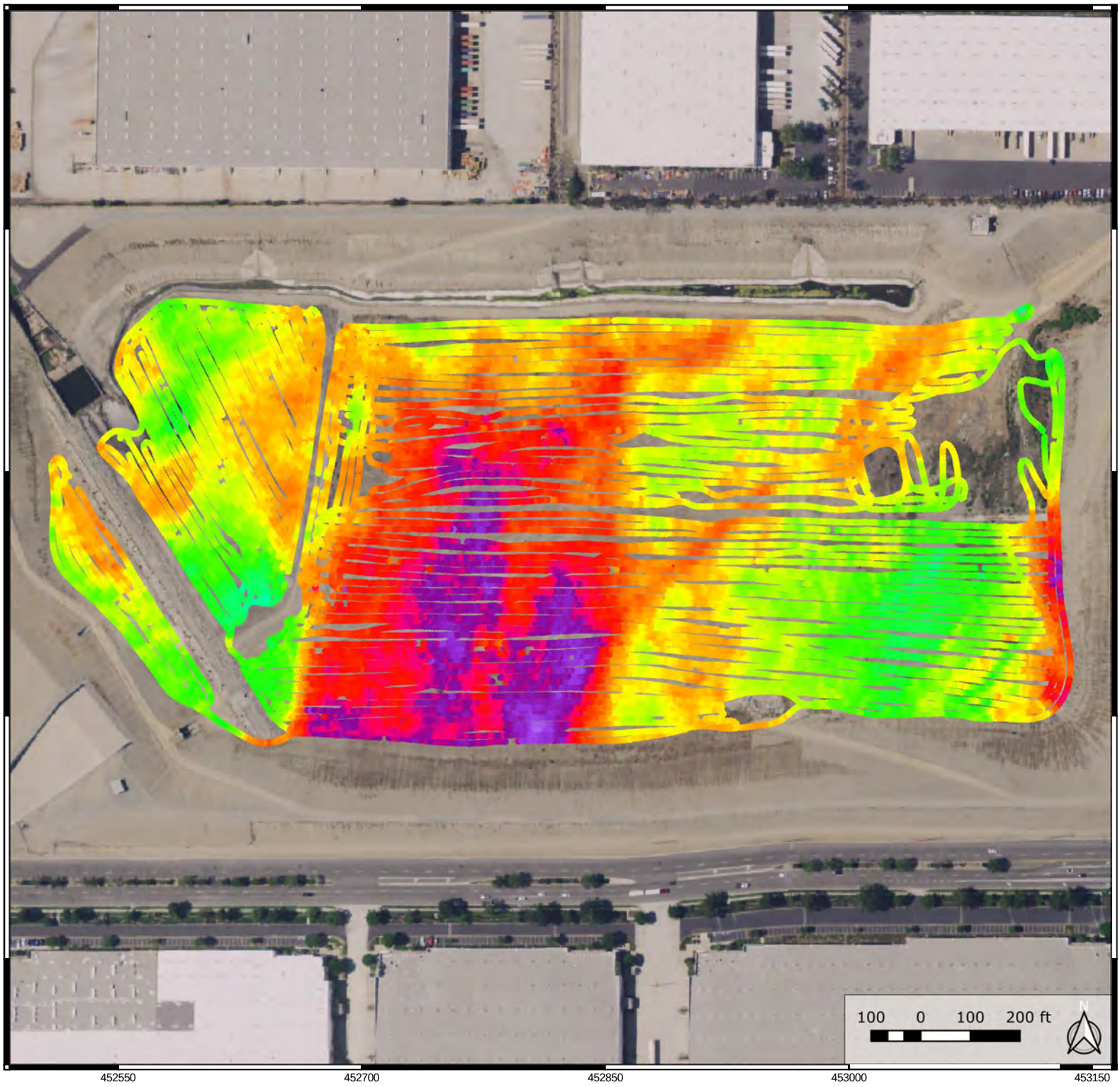
Project: 1690010696

Appendix **5**.5

DUALEM
Mean Resistivity in depth interval 7 to 9 ft

RAMBØLL

Olof Palmes Allé
DK 8200 Aarhus



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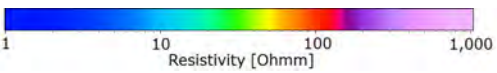
JURUPA

Basemap: NAIP Plus - USGS



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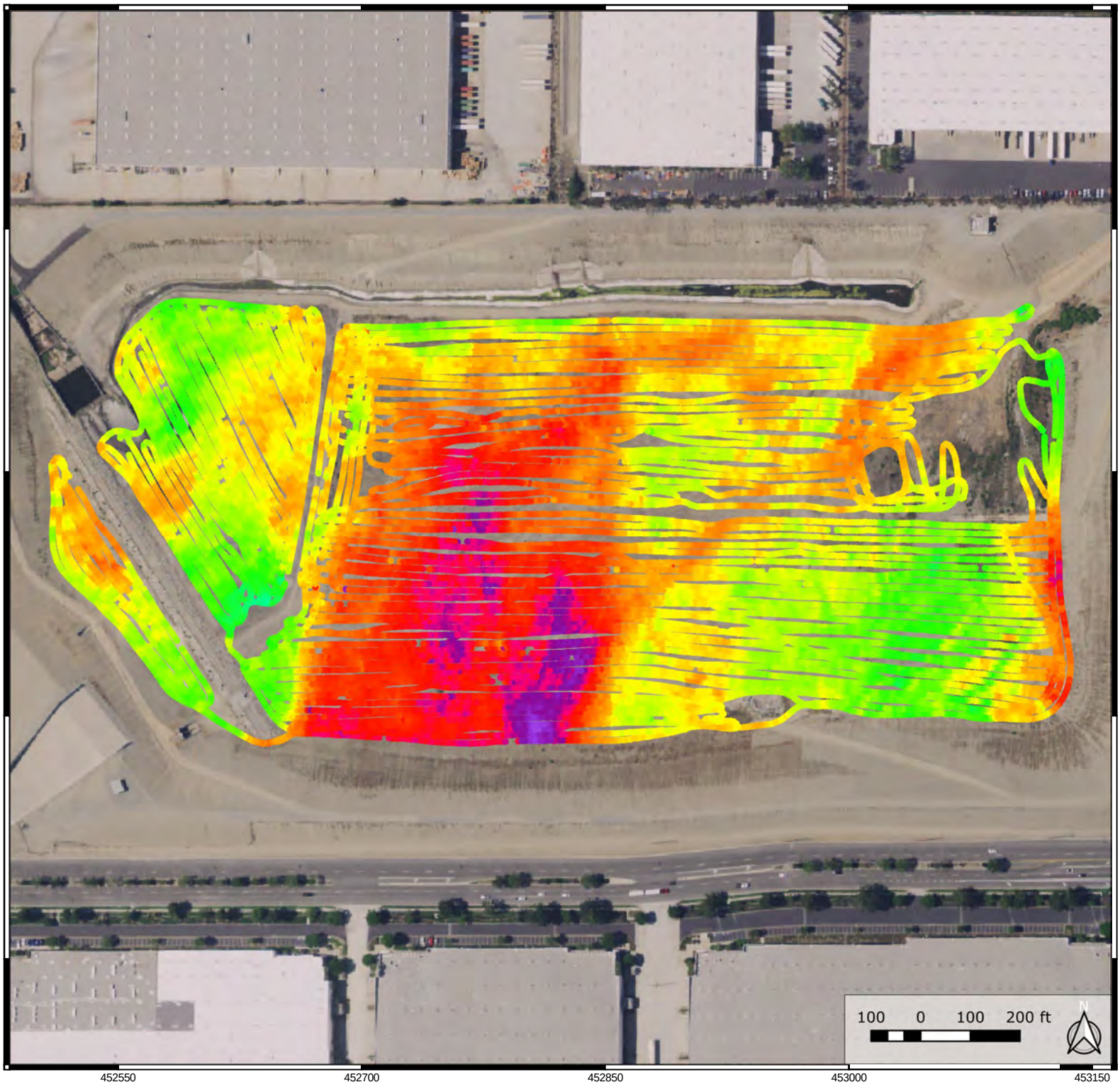
Appendix **5**.6

DUALEM
Mean Resistivity in depth interval 9 to 12 ft

RAMBØLL

Olof Palmes Allé
DK 8200 Aarhus



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JURUPA

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

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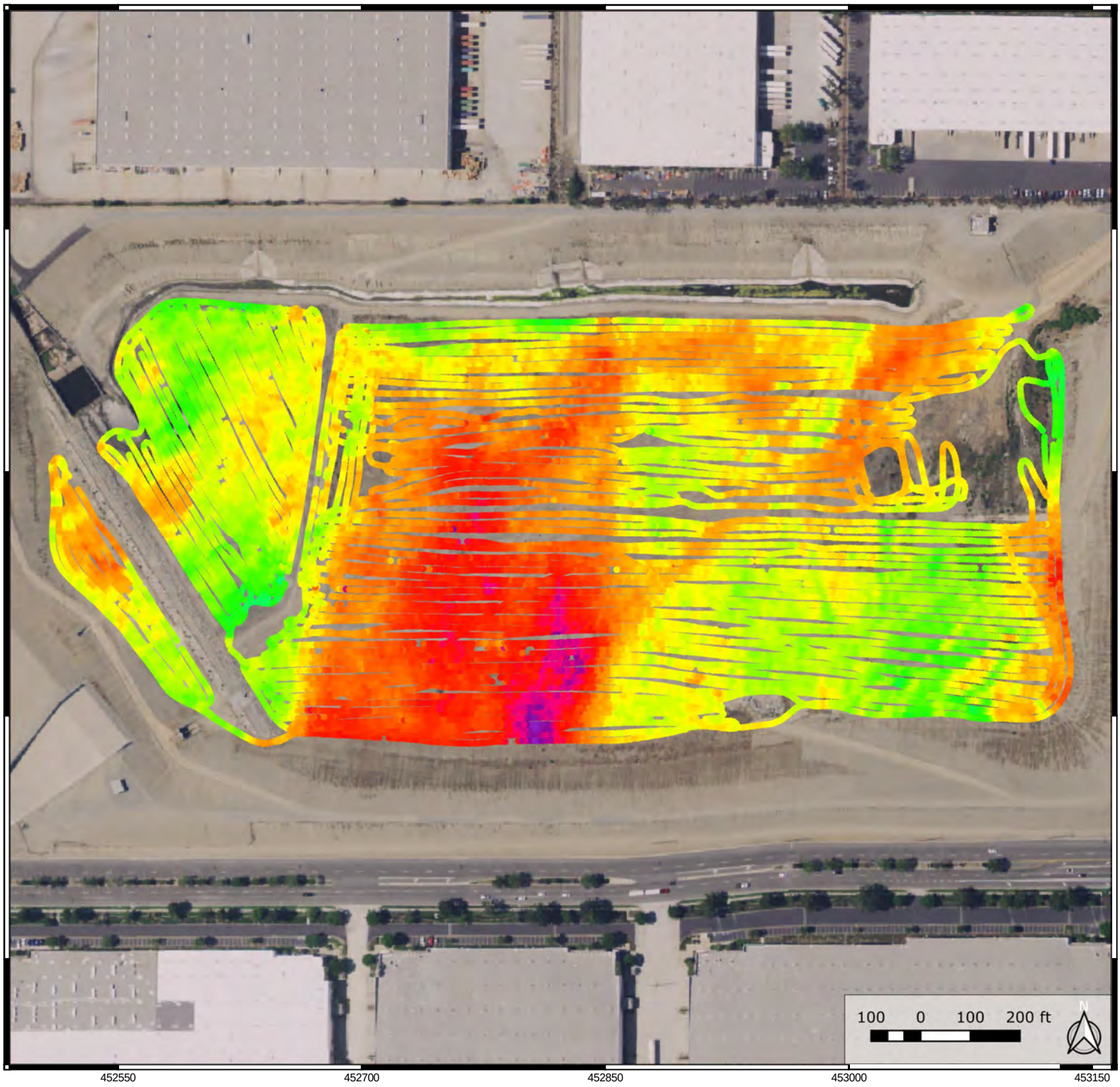
Appendix **5**.7

DUALEM
Mean Resistivity in depth interval 12 to 15 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

JURUPA

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

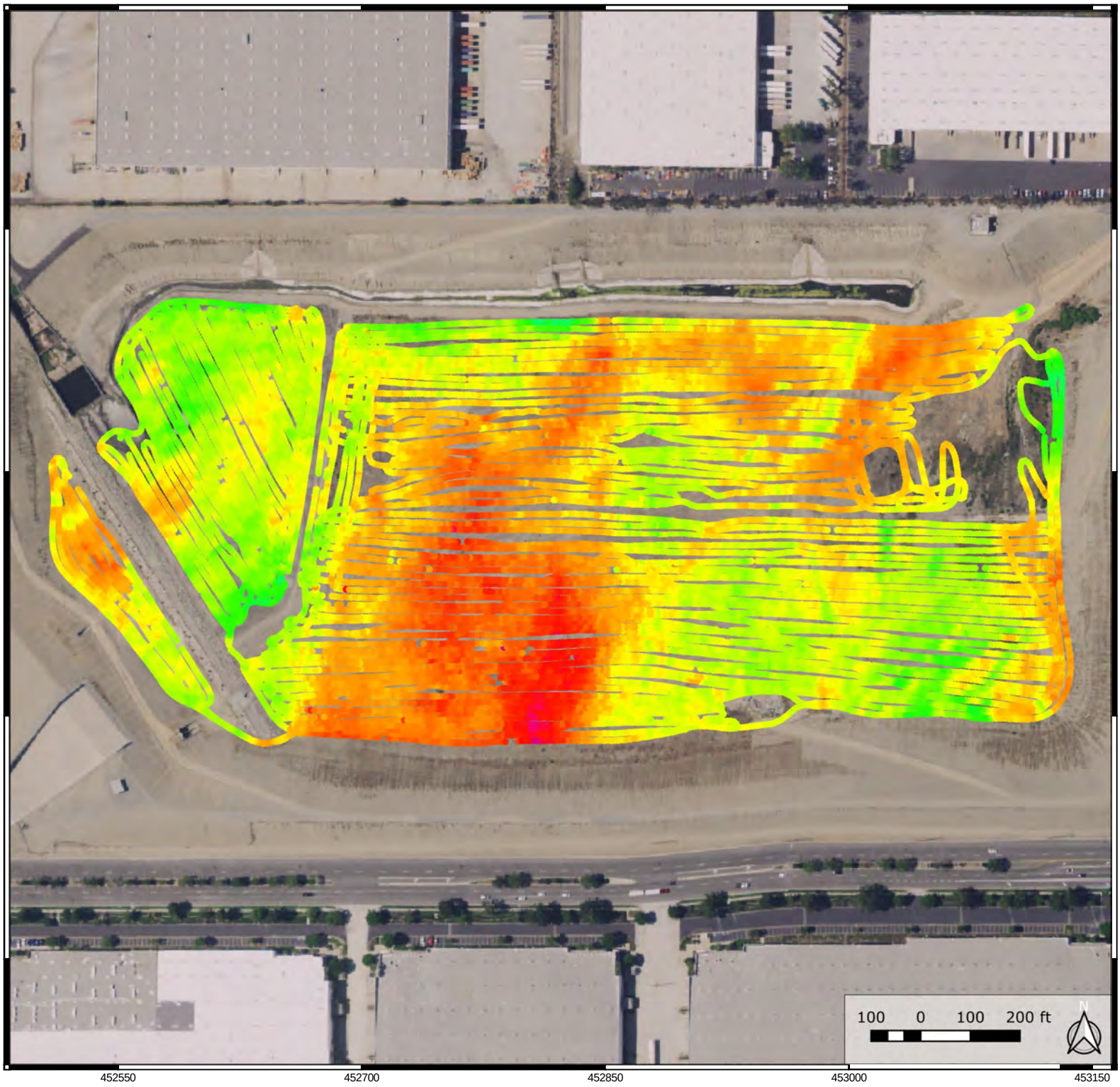
Rev.: 1
Date: 2018.11.22
By: PRT, MJLF
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix **5**.8

DUALEM
Mean Resistivity in depth interval 15 to 18 ft

RAMBOLL

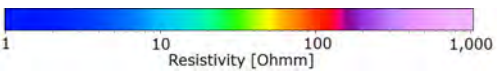
Olof Palmes Allé
DK 8200 Aarhus



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

JURUPA

Basemap: NAIP Plus - USGS



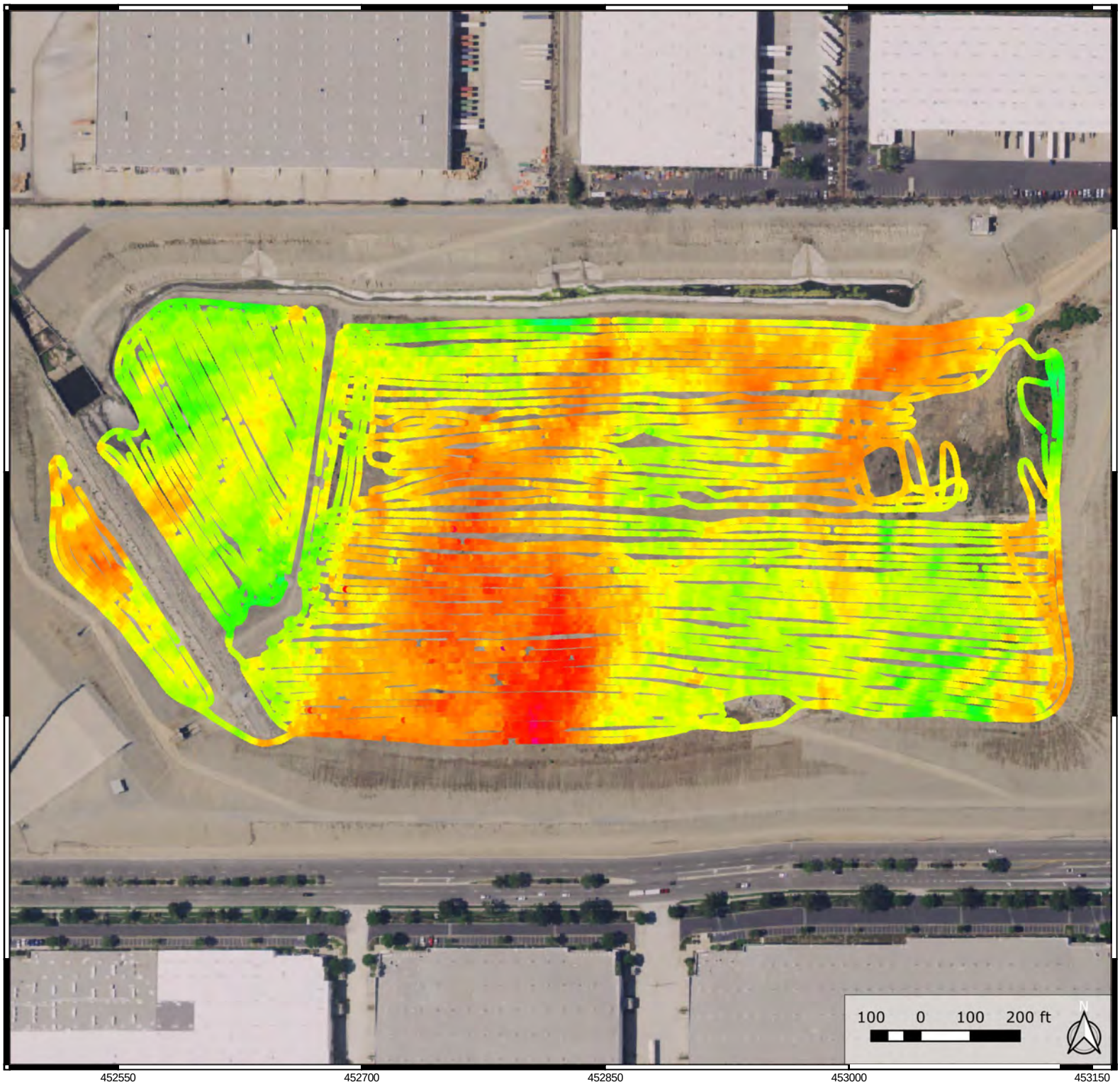
Rev.: 1
Date: 2018.11.22
By: PRT, MJLF
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix **5**.9

DUALEM
Mean Resistivity in depth interval 18 to 21 ft

RAMBØLL

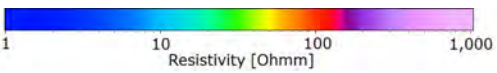
Olof Palmes Allé
DK 8200 Aarhus



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

JURUPA

Basemap: NAIP Plus - USGS



Rev.: 1
Date: 2018.11.22
By: PRT, MJLF
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix **5**.10

DUALEM
Mean Resistivity in depth interval 21 to 24 ft

RAMBØLL

Olof Palmes Allé
DK 8200 Aarhus

APPENDIX 6
WINEVILLE BASIN – DUALEM DEPTH INTERVALS

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

WINEVILLE

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

Rev.: 1
Date: 2018.11.22
By: PRT, MJLF
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix 6.1

DUALEM
Mean Resistivity in depth interval 0 to 1 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

WINEVILLE

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

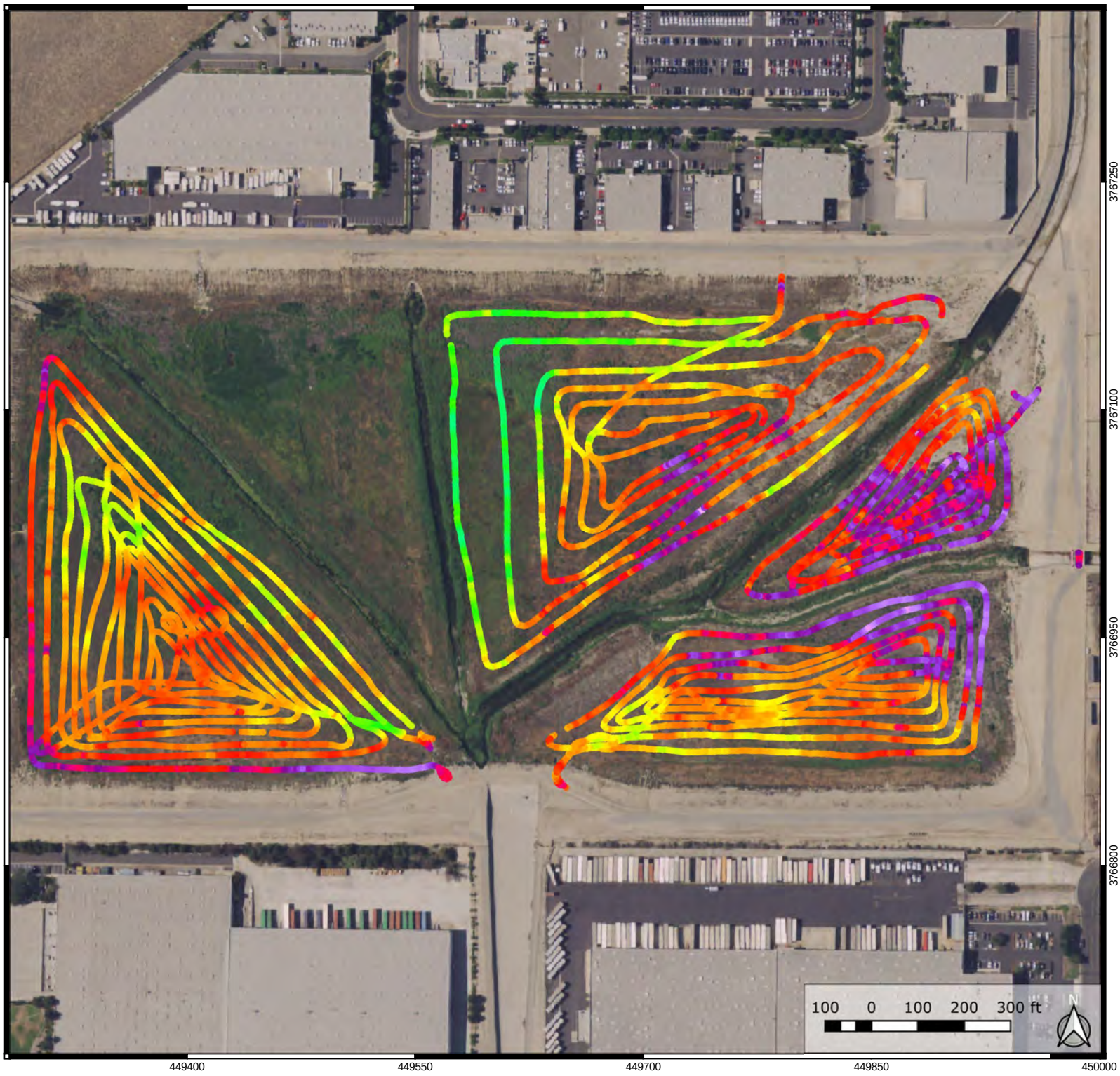
Rev.: 1
Date: 2018.11.22
By: PRT, MJLF
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix 6.2

DUALEM
Mean Resistivity in depth interval 1 to 3 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

WINEVILLE

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

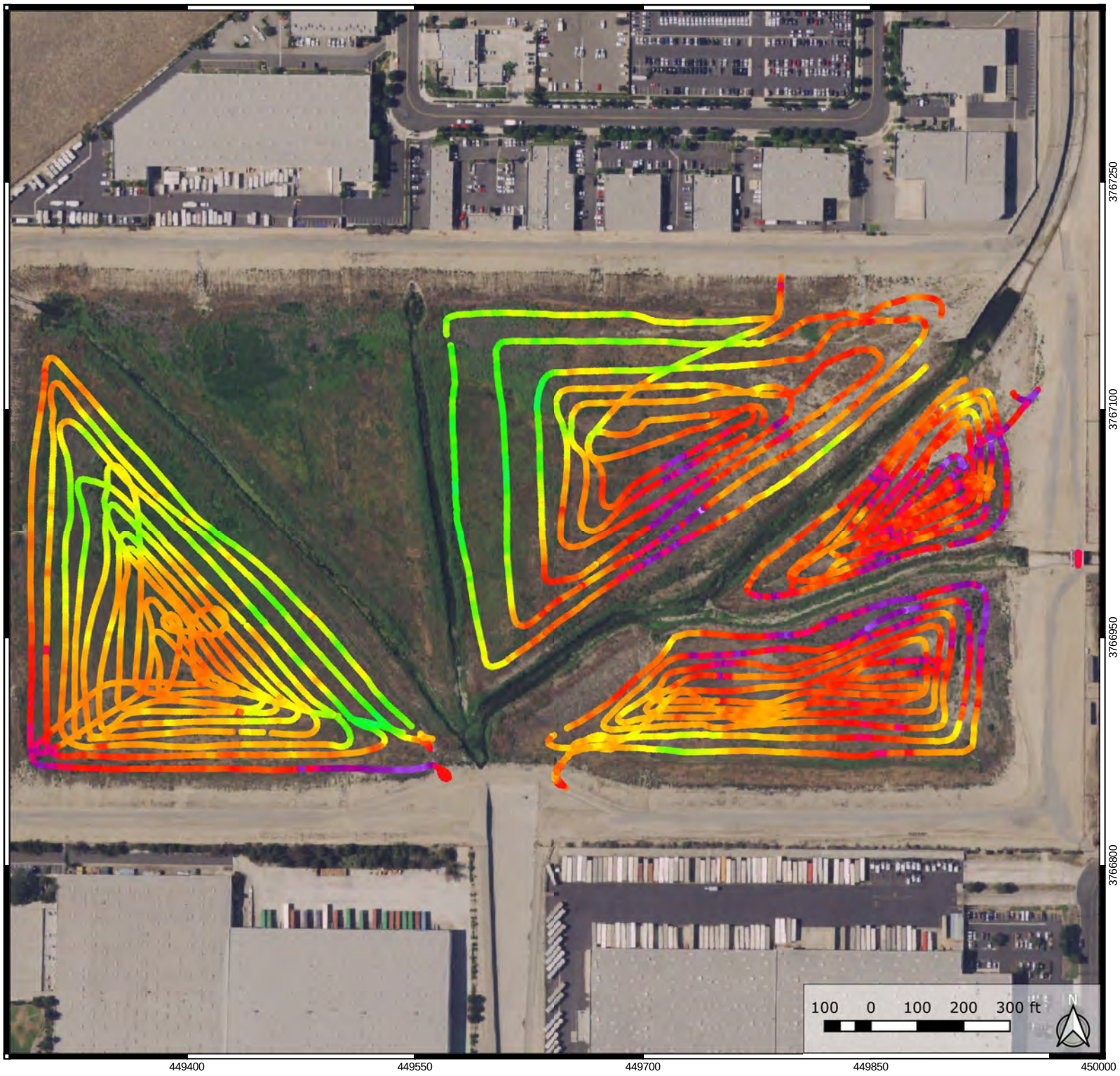
Rev.: 1
Date: 2018.11.22
By: PRT, MJLF
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix 6.3

DUALEM
Mean Resistivity in depth interval 3 to 5 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

WINEVILLE

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

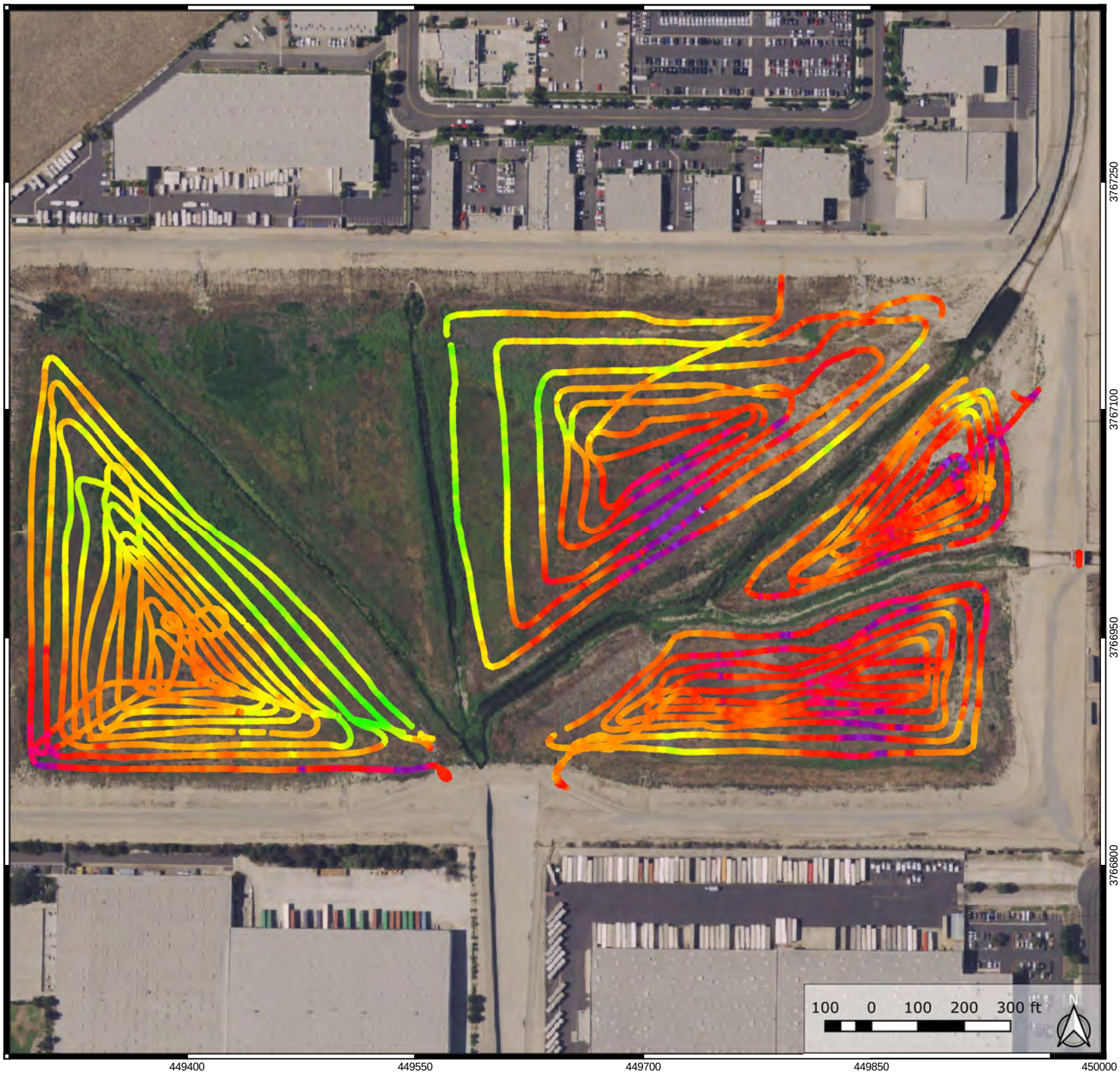
Rev.: 1
Date: 2018.11.22
By: PRT, MJLF
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix 6.4

DUALEM
Mean Resistivity in depth interval 5 to 7 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

WINEVILLE

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

Rev.: 1
Date: 2018.11.22
By: PRT, MJLF
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix 6.5

DUALEM
Mean Resistivity in depth interval 7 to 9 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

WINEVILLE

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

Rev.: 1
Date: 2018.11.22
By: PRT, MJLF
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix 6.6

DUALEM
Mean Resistivity in depth interval 9 to 12 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

WINEVILLE

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

Rev.: 1
Date: 2018.11.22
By: PRT, MJLF
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix 6.7

DUALEM
Mean Resistivity in depth interval 12 to 15 ft

RAMBØLL

Olof Palmes Allé
DK 8200 Aarhus

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

WINEVILLE

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

Rev.: 1
Date: 2018.11.22
By: PRT, MJLF
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix 6.8

DUALEM
Mean Resistivity in depth interval 15 to 18 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

WINEVILLE

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

Rev.: 1
Date: 2018.11.22
By: PRT, MJLF
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix 6.9

DUALEM
Mean Resistivity in depth interval 18 to 21 ft

RAMBØLL

Olof Palmes Allé
DK 8200 Aarhus

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

WINEVILLE

Basemap: NAIP Plus - USGS

1 10 100 1,000
Resistivity [Ohmm]

Rev.: 1
Date: 2018.11.22
By: PRT, MJLF
Control: MAXH
Approved: MAXH
Project: 1690010696

Appendix 6.10

DUALEM
Mean Resistivity in depth interval 21 to 24 ft

RAMBOLL

Olof Palmes Allé
DK 8200 Aarhus

Wagner&Bonsignore
Consulting Civil Engineers, A Corporation

Nicholas F. Bonsignore, P.E.
Robert C. Wagner, P.E.
Paula J. Whealen
David H. Peterson, CEG, CHG
David P. Lounsbury, P.E.
Vincent Maples, P.E.
Patrick W. Ervin, P.E.
Martin Berber, P.E.
Ryan E. Stolfus

James C. Hanson, P.E.
Henry S. Matsunaga

MEMORANDUM

DRAFT

To: **Vivian Castro, Acting Executive Director**

From: **Robert Wagner and David Lounsbury**

Date: **October 23, 2018**

Re: **Scope of Work and Cost Estimate for Preliminary Engineering Design of Confluence Regional Water Resource Project**

The following presents the scope of work and estimated cost for completing the preliminary engineering design of the Confluence Regional Water Resource Project, to an approximate 30-percent design level.

Project development will require evaluation and design of the following project elements:

1. Project Coordination
2. Environmental
3. Hydrology
4. Water Conservation System
5. Water Quality Improvement System
6. Project Deliverables

1. Project Coordination

WBE – CBWCD

Project coordination tasks will include items such as preparation for and attendance at project meetings with the District Board and/or staff, and for consultations with regulatory agencies. It is anticipated that District staff will be the primary spokesperson to the Board and will coordinate with, and attend, meetings with the regulatory agencies and partner organizations. WBE will provide technical information as required or directed to support these discussions.

Estimate cost for Project Coordination and Meetings: $ 20,000.

2. Environmental
WBE – TDA – WEI - CBWCD

Environmental review and analyses necessary to prepare the necessary CEQA documentation necessary for project development and permitting (SWRCB questionable) is proposed to be primarily completed by Tom Dodson and Associates (TDA) with technical hydrological information provided by Wildermuth Environmental, Inc. (WEI). TDA will complete the following tasks:

a. Preliminary Biological Assessment regarding environmentally sensitive species located in Prado Basin, or areas affected by project;
b. Assessment of issues which affected Mill Creek project and determination if similar issues are present for the proposed Confluence Project
c. Initial Study which is proposed to support a decision to complete the project under a
d. Mitigated Negative Declaration or a Focused Environmental Impact Report.

Estimate cost for Environmental Analysis and development of CEQA Document: $ 85,000.

3. Hydrology
WBE – WEI

Hydrology and hydrological evaluations necessary for the development and design of the project is proposed to be completed by Wildermuth Environmental, Incorporated (WEI) and provided to WBE. WEI will utilize its existing model of the Chino Basin to provide information for design and to understand project operations, in concert with regional Chino Basin operations. The hydrologic evaluations will include:

a. Identification of surface water availability at Confluence Property for diversion from Chino and San Antonio Creeks;
b. Identification of constraints for Montclair Basin #2 to receiving additional water from Confluence Project, including:
    i. Rate,
    ii. Quantity,
    iii. Timing;
c. Analysis of project operational scenarios to estimate system yields under certain operational conditions.

Estimate cost for Hydrology and Hydrological analysis: $35,000.

4. Water Conservation System Design
WBE – TDA – WEI – CBWCD

Design of the Water Conservation System will require input and integration of Environmental, Hydrological, and Water Quality assessments, constraints, and recommendations to develop and design a water conservation system sufficient to meet the overall goals of the project. The water conservation system is composed of the following sub-elements:

A. Confluence Reservoir and Channel Diversion Facilities
B. Conveyance Pipeline
C. Pump and Booster Stations

A) The development of the confluence reservoir and channel diversion facilities will require completion of the following tasks:

a. Development of alternate reservoir basin configurations and capacities to investigate and evaluate constructability, permitting, and regulatory storage issues and requirements;
b. Evaluation and design of diversion facilities in creek channels to meet minimum diversion requirements;
    i. Channel invert diversion with gravity conveyance to Confluence Reservoir;
    ii. Obermeyer or similar flow obstruction for increased gravity conveyance to Confluence Reservoir;
    iii. Pump conveyance to Confluence Reservoir from channel invert diversion facility:
c. Consideration of water quality improvement system facilities to function within operational constraints of conservation storage system;

Estimate cost for design of the Confluence Reservoir and Channel Diversion Facilities: $ 50,000.

B) Evaluation and design of the conveyance pipeline will require completion of the following tasks:

a. Obtain approval for use of San Antonio Creek Channel right-of-way for pipeline installation and identification of any limitations or restrictions, or identification of alternate pipeline alignment through existing rights-of-way in city streets;
b. Obtain topography and existing grade information sufficient for preliminary design of project;
c. Identify locations for ancillary facilities, i.e. booster stations and surge tanks, along the pipeline route;
d. Identify and resolve constraints or limitations for installation of pipeline along the pipeline route, i.e. utilities, bridges, roadways, schools;
e. Evaluation and design of pipeline to meet operation requirements within limitations of physical or economic constraints.

Estimate cost for design of the conveyance pipeline: $ 75,000.

C) The development of the pumping facilities will require completion of the following tasks:

a. Evaluation and design of pumping system to meet system operations criteria;
b. Evaluation and design of power system for project operations.

Estimate cost for design of the pumping facilities: $ 65,000.

The total estimate cost for Water Conservation System design: $ 190,000.

5. Water Quality Improvement System
WBE – WEI

Development of the concept for the water quality improvement system will include:

a. Focused review of existing water quality testing information;
b. Limited sampling and testing of storm and dry-season flow;
c. Identification of operational parameters for water quality treatment of low-flow and high-flow waters obtained from Chino and San Antonio Creeks.

Estimate cost for Water Quality Improvement System design: $ 15,000.

6. Project Deliverables
WBE – CBWCD

Project deliverables, excluding documents or reports prepared for the Environmental or Hydrology project elements discussed above, will include the following:

a. 10% Design Technical Memorandum;
b. 30% Design Technical Memorandum;
c. Engineering Cost Estimate to 90% Design; and
d. Project Construction Cost Estimate.

Estimate cost for Project Coordination and Meetings: $ 30,000.

The total estimate cost for preparation of the preliminary engineering design of the Confluence Regional Water Resource Project is summarized below.

1.	Project Coordination		$ 20,000
2.	Environmental		$ 85,000
3.	Hydrology		$ 35,000
4.	Water Conservation System Design		$ 190,000
	A) Confluence Reservoir and Channel Diversion Facilities:	$ 50,000	
	B) Conveyance Pipeline:	$ 75,000	
	C) Pumping Facilities:	$ 65,000	
5.	Water Quality Improvement System Design		$ 15,000
6.	Project Design Deliverables		$ 30,000
	Total		$ 375,000

The above cost estimates do not include a built-in contingency factor for material, time or effort not anticipated. In the event project development costs exceed that provided for herein, requests for augmentation of the project design budget shall be brought to the District for review and approval.

We trust this provides the information you requested.

***

ATTACHMENT 3

Mojave Resource Management, LLC
17993 Outer Highway 18, STE 1
Apple Valley, CA 92307
(760) 985-6261

Date: January 17, 2019

To: Robert C. Wagner, P.E.
Wagner & Bonsignore

RE: CBWCD Confluence Regional Water Resource Project Progress Memo

---

Since December 2018, I have made steady progress gathering information in regard to the Chino Basin Water Conservation District's Confluence Project (Project). Installation of the proposed pipeline adjacent to the current San Antonio Creek Channel (Channel), from the confluence to Montclair #2 Basin, will impact ~300 private, public and commercial properties. The easements and right-of-ways along the Channel are owned by several entities, however without obtaining a title report on each parcel, the language and the extent of the rights of the easements are currently unknown.

On January 17, 2019, Kristen Weger from the Chino Basin Water Conservation District (District) and I met with San Bernardino County Flood Control District (SBCFCD). We met with Thomas Williams, the Right-of-Way Section Chief and Erwin Fogerson, the Division Chief to introduce and discuss the Project. We provided an overview of the Project and had a lengthy discussion about SBCFCD easements and right-of-ways along the Channel. Of the 300 parcels identified along the route, SBCFCD has fee-title to approximately 27 parcels. Subject to final approval, they are willing to provide easements for the Project, however due to SBCFCD regulations, the District must compensate SBCFCD the current fair market value for each parcel that will require an easement. This requirement may be exempt if the Project is considered a mutual benefit and enhances SBCFCD core mission, however, based on their feedback the Project in its current state does not meet that requirement.

Additionally, the Channel is a U.S. Army Corps of Engineers (Corps) project and the extent of their easement rights are currently unknown. The Corps has stated that any proposed alteration to the federal project, regardless if it has been turned over to the local sponsor, will require a 408 permit. Based on feedback from SBCFCD and Corps staff, the 408 permit process usually takes about 18-24 months to approve. The Corps recommended that I speak with somebody in their real estate division about their easement rights, which I hope to establish contact with over the next few days.

The majority of the parcels along the Channel are mostly privately owned, which will require parcel-by-parcel negotiations and compensation to obtain those easements in the event the Corps easements are not assigned or assignable. The District will need to perform a title search on each parcel to determine the extent of the easement rights and to determine if existing easements explicitly contain language that will prevent the Project. Based on estimates received by several title companies, the cost is estimated to be between $120,000 and $225,000 for title reports. The timeframe to obtain the title reports and the analysis ranges from 4-8 months, depending on the complexity.

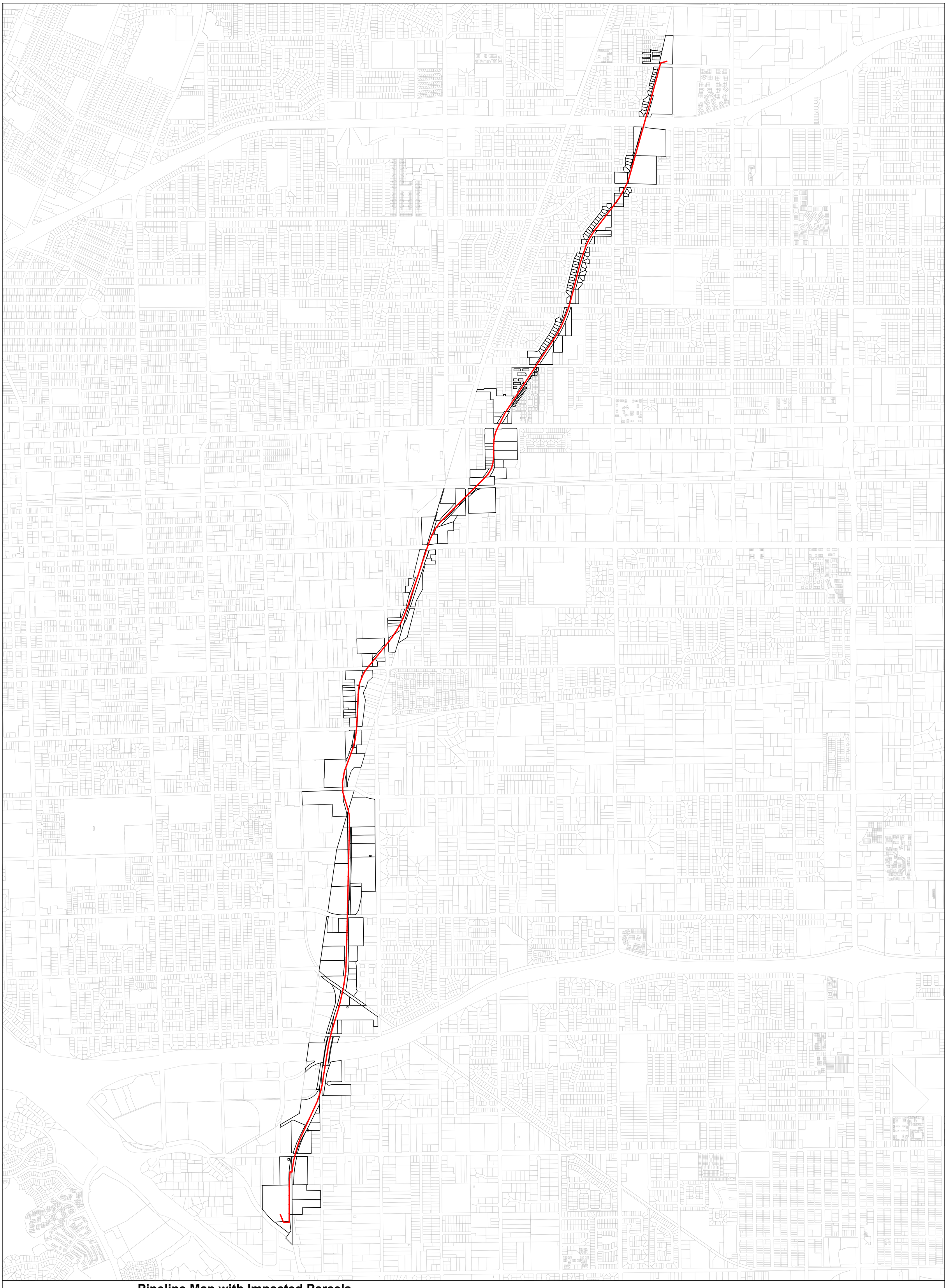
Going forward, if the Project is consistent with the primary objective of the original Corps easements and is assignable, the Project may be in a position to share the Corps easement rather then acquire an easement

on each individual parcel. Further communication with the Corps new contact will be necessary to determine the easement rights along the Channel.

If you have any questions, please contact me at (760) 985-6261.

Bobby Boytor
Executive Manager

Attachment:
San Bernardino County -USA Easement, Book 5490, Page 106



Pipeline Map with Impacted Parcels
Legend

PipeLine

Chino Basin Water Conservation District

N
W E
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CONFLUENCE REGIONAL WATER RESOURCE PROJECT: BIOLOGICAL AND HYDROLOGY CONSTRAINTS ANALYSES

Introduction

In the last quarter of 2019, Tom Dodson & Associates (TDA) was retained by the Chino Basin Water Conservation District to evaluate primary environmental constraints that could affect the Confluence Regional Water Resource Project. TDA's assignment was not to prepare an Initial Study for the project, but to focus on two primary interlinked environmental constraints. Specifically, to develop an understanding of the flows in Chino Creek and San Antonio Creek that might be available for diversion and then to assess the indirect effect of these diversions on sensitive biological resources located within the Chino Basin. These two issues were identified early in the review process as posing the primary hurdle to implementing this important water resource management project in the Chino Basin.

Over the last few months my team has delayed this report because of essential information being developed by other agencies located within the Upper Santa Ana River Watershed (everything upstream of Prado Basin/Dam). Specifically, the Chino Basin Watermaster (and its stakeholders) has proceeded to define the "Optimum Basin Management Program Update" (OBMPU) and the San Bernardino Valley Municipal Water District (Valley District) has proceeded to develop the "Upper Santa Ana River Habitat Conservation Plan" (HCP). Both agencies are in the process of publishing environmental documents to allow these programs/plans to proceed, and some of the delay has been associated with the need to rely on data from these processes to assemble this report (discussed in more detail below). Also, it was necessary to compile some project specific hydrology and biology data in order to address these issues in a meaningful manner. This information is discussed in some detail below.

Proposed Project

The Chino Basin Water Conservation District (District) is proposing to implement the "Confluence Regional Water Resource Project (Project)." This project proposes to capture stormwater, dry season flows, and constituent pollutants (which will be treated) and then convey the diverted flows to conservation storage in the Chino Groundwater Basin. The District's civil engineers (Wagner & Bonsignore Consulting Civil Engineers) have provided essential information to define the Project. This information includes the following components: MEMORANDUM − Confluence Regional Water Resources Project Preliminary Environmental Assessment, August 26, 2019 (Attachment 1); DRAFT TECHNICAL MEMORANDUM − Hydrologic evaluation of the proposed Confluence Project, January 9, 2020 (Attachment 2); maps of endangered species located in the Prado Basin and Chino Groundwater Basin considered in the Habitat Conservation Plan developed by Valley District (Attachment 3); a focused report for the Project site and pipeline alignment from the U.S. Fish and Wildlife Service (FWS), ECOS-IPaC (Attachment 4); and a set of maps that depict the project site and the proposed pipeline alignment from the Project site to the Montclair Basins (Attachment 5).

The proposed Project consists of two phases: construction of all the facilities; and operation of the facilities to capture surface water that current flows to the Prado Basin behind Prado Dam and divert it into the Confluence facilities for capture (percolation) into the Chino Basin groundwater aquifer, in essence transferring surface water that would ultimately flow to the Pacific Ocean into stored water in the Chino Basin. However, between this proposed new point of diversion (Project site) and the Pacific, portions of the surface water is either consumed or diverted for other purposes. Specifically, a small portion of these surface flows will percolate

into the lower Chino Groundwater Basin (this portion is estimated to be small due to the slow ate of percolation in the fine sediments found in this area); some portion of the ground and surface water will be captured by the plant habitat in Prado Basin and downstream in Orange County along the Santa Ana River (this water being consumed to create plant growth and evapotranspiration; a small quantity of surface water will be evaporated directly into the atmosphere; and some portion will be intentionally percolated into the Orange County groundwater basins before the residual surface flow enters the Pacific. For the purposes of this evaluation, it is the potential effect of future surface water diversions on the plant habitat in Prado Basin, and the related impact to sensitive or listed species that rely upon this surface water.

How Much Water is Available at the Project Site?

Although not originally envisioned when the study began, it soon became clear that a basic piece of information in this evaluation was to define the amount of surface flow at the confluence site. To do this TDA contacted Mark Wildermuth and his team at Wildermuth Environmental Inc. (WEI). WEI provided a Draft Technical Memorandum of the proposed Project (Attachment 2). Using existing surface flow data from U.S. Geological Survey monitoring stations along Chino Creek and San Antonio Creek from October 1988 through September 2019, WEI developed a combination of flow duration curves and annual discharge over this 30+ year period of flows. The flow duration curve represents the cumulative frequency curve that shows the percentage of time specified flows were equaled or exceeded during a given period. Figure 2 is illustrative because of the scale, 0 cubic feet per second (cfs) to 200 cfs. Note that flows above 50 cfs appear to occur less than 10% of the time. However, for purposes of habitat it is Figure 3 which is most important because it characterizes annual discharge at the USGS Shaefer gauge. What is important here is that about 15 of the 31 years have annual discharge of 5,000 acre-feet per year (afy) or less. Assuming that annual diversion rates are about 1,613 acre-feet as identified on page 3 of the WEI report. This represents about 32 percent or more of flows during the 15 low flow years. This is a substantial percentage of annual flows and it raises the question of whether diversions can be maintained during low flow years, i.e., can the project be sustained during such years.

What Species Are Important in the Chino and Prado Basins?

For the past several years the Valley District has been compiling a Habitat Conservation Plan (HCP) with the goal of identifying sensitive or listed species of concern in the Upper Santa Ana River Watershed. The goal has been to identify participants in the HCP, their proposed projects and the participants projects to be covered by the mitigation included in the HCP. This project provides some coverage for participant projects and, more importantly for the proposed Project, it identifies species of concern in the Chino and Prado Basins. What follows is a summary of the species and the degree of concern/constraint that each species poses for the proposed Project. The maps are provided in Attachment 3.

Burrowing Owl – This species occurs throughout upland areas within the Chino Basin as shown on Map #1 in Attachment 2. Although this species can be found anywhere in either Basin, mitigation is manageable and it does not pose a major constraint on the proposed Project. Note no burrowing owl were observed on the proposed Project site during the site survey.

Yellow-Billed Cuckoo – This migratory bird is listed by both the State and Federal governments as Threatened. As shown on Map #2, core breeding habitat is located in Prado Basin. The diversion of flows from Chino Creek has a high potential to affect the “Other Potentially Suitable Breeding Habitat” along Chino Creek and other “Core” and “High Value” habitat

deeper in the Prado Basin. In my judgment a detailed, sophisticated evaluation of flow diversions from Chino Creek will be required to address potential impacts to and mitigation for this species.

Arroyo Chub – The area known to be occupied by Arroyo Chub will not be affected by the proposed Project. However, potential Arroyo Chub habitat is located immediately downstream of the point where Chino Creek enters the northwestern boundary of Prado Basin (see Map #3). The impact to this species is not as critical as to the yellow-billed cuckoo, but it will also require a detailed, sophisticated evaluation of flow diversions from Chino Creek to address potential impacts to and mitigation for this species. Mitigation for this species may include support for establishing a population of Arroyo Chub in Chino Creek and converting it from "Potentially Suitable Habitat" to occupied habitat.

Cactus Wren – The Cactus Wren occupies areas of upland adjacent to Prado Basin riparian habitat (see Map #4). Due to its preferred nesting locations, I would not expect the proposed Project to have a negative effect on this species.

Coastal California Gnatcatcher – The Coastal California Gnatcatcher occupies areas of upland adjacent to Prado Basin riparian habitat (see Map #5). Due to its preferred nesting locations, I would not expect the proposed Project to have a negative effect on this species.

Delhi Sands Flower-Loving Fly – The Delhi Sands Flower-Loving Fly occupies areas of upland adjacent to Prado Basin riparian habitat (see Map #6). Due to its preferred habitat locations, I would not expect the proposed Project to have a negative effect on this species.

California Glossy Snake – The California Glossy Snake occupies areas of upland in close proximity to Prado Basin riparian habitat (see Map #7). Due to its preferred habitat locations, I would expect the proposed Project to have a limited negative effect on this species.

Los Angeles Pocket Mouse – The Los Angeles Pocket Mouse occupies areas of upland in close proximity to Prado Basin riparian habitat (see Map #8). Due to its preferred habitat locations, I would expect the proposed Project to have a limited negative effect on this species.

Least Bell's Vireo – This migratory bird is listed by both the State and Federal governments as Threatened. As shown on Map #9, core breeding habitat is located in Prado Basin. The diversion of flows Chino Creek has a high potential to affect the "Other Breeding Habitat" along Chino Creek and other "Core" habitat deeper in the Prado Basin. In my judgment a detailed, sophisticated evaluation of flow diversions from Chino Creek will be required to address potential impacts to and mitigation for this species.

Santa Ana Sucker – The Chino Creek arm of Prado Basin has not contained aquatic habitat occupied by the Santa Ana Sucker (SASU). Therefore, the potential for direct effects on SASU from Chino Creek diversions should be of low impact to this species. Refer to Map #10. However, potential SASU aquatic and riparian habitat is located immediately downstream of the point where Chino Creek enters the northwestern boundary of Prado Basin. The impact to this species is not as critical as to the yellow-billed cuckoo and Least Bell's Vireo, but it will also require a detailed, sophisticated evaluation of flow diversions from Chino Creek to address potential impacts to and mitigation for this species. Mitigation for this species may include support for establishing a population of SASU in Chino Creek and converting it from "Potentially Suitable Habitat" to occupied habitat.

San Bernardino Merriam's Kangaroo Rat – The San Bernardino Merriam's Kangaroo Rat occupies areas of upland near Prado Basin riparian habitat (see Map #11). Due to its preferred habitat locations, I would expect the proposed Project to have a limited negative effect on this species.

South Coast Garter Snake – The South Coast Garter Snake occupies areas of wetland-riparian habitat in Prado Basin (see Map #12). Due to its preferred habitat locations, I would expect the proposed Project to have a modest adverse effect on this species. Since we are anticipating having to prepare a detailed evaluation of effects of diversions on several other species, there will be sufficient data to also evaluate this species.

Slender-Horned Spineflower – The Slender-Horned Spineflower occupies small areas of upland near Prado Basin (see Map #13). Due to its preferred habitat locations, I would expect the proposed Project to have no negative effect on this species.

Southwestern Willow Flycatcher – This migratory bird is listed by both the State and Federal governments as Threatened. As shown on Map #14, core breeding and very high value habitat is located in Prado Basin. The diversion of flows from Chino Creek has a high potential to affect this species along Chino Creek. In my judgment a detailed, sophisticated evaluation of flow diversions from Chino Creek will be required to address potential impacts to and mitigation for this species.

Tricolored Blackbird – This migratory bird is a sensitive species, not a listed species. As shown on Map #15, occupied Colony, Suitable Colony, and Foraging areas are located in Chino Creek portion of Prado Basin. Thus, the diversion of flows from Chino Creek has a high potential to affect this species along Chino Creek. In my judgment a detailed, sophisticated evaluation of flow diversions from Chino Creek will be required to address potential impacts to and mitigation for this species.

Santa Ana River Woolly-Star – The Santa Ana River Woolly-Star is an endangered plant species that occupies areas of upland near Prado Basin riparian habitat (see Map #16). Due to its preferred habitat locations, I would expect the proposed Project to have limited to no negative effect on this species.

Western Spadefoot Toad – The Western Spadefoot Toad occupies areas of wetland-riparian habitat in Prado Basin along Chino Creek (see Map #12). Due to its preferred habitat locations, I would expect the proposed Project to have a modest adverse effect on this species. Since we are anticipating having to prepare a detailed evaluation of effects of diversions on several other species, there will be sufficient data to also evaluate this species.

Yellow-Breasted Chat – This migratory bird is a sensitive species, not a listed species. As shown on Map #18, potentially suitable habitat is located in Chino Creek portion of Prado Basin. Thus, the diversion of flows from Chino Creek has a high potential to affect this species along Chino Creek. In my judgment a detailed, sophisticated evaluation of flow diversions from Chino Creek will be required to address potential impacts to and mitigation for this species.

Western Pond Turtle – This amphibian is a sensitive species, not a listed species. As shown on Map #19, potentially suitable habitat is located in Chino Creek portion of Prado Basin. Thus, the diversion of flows from Chino Creek has a high potential to affect this species along

Chino Creek. In my judgment a detailed, sophisticated evaluation of flow diversions from Chino Creek will be required to address potential impacts to and mitigation for this species.

Of these 19 species of concern in Prado Basin, eight of them may incur substantial adverse effects from implementing the proposed project. Thus, as part of any future environmental evaluation a detailed study of the indirect effects on diverting up to an estimated 1,613 acre-feet annually will need to be compiled. No important biological resources were found on the proposed Project site (Attachment 4). This will require detailed hydrology, habitat and species-specific investigations in order to determine the level of impact suitable habitat mitigation requirements for the affected species.

Proposed Project's Federal Nexus

The specific objective of the proposed Project is to divert surface flows from two existing concrete channels, Chino and San Antonio Creeks, at the location where they have their confluence (hence the "Confluence Project). Refer to the graphics in Attachment 5. The project envisions installation of diversion facilities in both of these channels. Installation of these facilities will require the following three regulatory permits:

- U.S. Army Corps of Engineers, Section 404 discharge of fill permit;
- Santa Ana Regional Water Quality Control Board, 401 certification permit; and
- California Department of Fish and Wildlife (CDFW), Streambed Alteration Agreement (SAA), 1600 Permit.

The diversion of surface runoff for percolation from these two channels in the Chino Basin will require consultation with the U.S. Fish and Wildlife Service under two federal laws. The first law, the Endangered Species Act (ESA) is familiar to most water agencies. It is anticipated that the Corps will initiate such consultation under Section 7 of the ESA for the listed species identified in the preceding section based on indirect effects of modifying the downstream surface flows at the Confluence Project site. Since the proposed Project will not be a participant in the HCP nearing completion by the Valley District, the Corps and FWS will require a project specific HCP be prepared by the CBWCD to mitigate impacts on listed species and funded once negotiations are completed between the pertinent agencies.

However, there is a second nexus between the CBWCD and the Corps. This is the Fish and Wildlife Coordination Act (FWCA) that requires the Corps to consult directly with FWS when a project proposes an activity that will have an impact on a water body. Impact under the FWCA is defined as impounding, diverting, deepening a channel, or otherwise controlling or modifying flow for any purpose. A copy of the FWCA and its detailed requirements are provided in Attachment 6.

There are two consequences of these federal nexus requirements. The first is that an environmental document will have to be prepared to comply with the National Environmental Policy Act (NEPA) for this action. The second is that the HCP will include appropriate mitigation for the impacts identified in the HCP that may require substantial funding.

Current California Environmental Quality Act (CEQA) Status of the Confluence Regional Water Resource Project

As the Optimum Basin Management Program Update (OBMPU) has been developed over the past two years, the Chino Basin Watermaster (Watermaster) identified a number of surface water diversion and storage projects. The proposed Project is being evaluated by the

Watermaster and Inland Empire Utilities Agency (IEUA). For most environmental issues the program-level evaluation contained in the Focused Subsequent Environmental Impact Report (in progress) will provide sufficient foundation for CEQA compliance for the proposed Project. However due to the program level evaluation in this document, it is not feasible to address the specific effects that the proposed Project will have on biological resources in Prado Basin as discussed above. However, CBWCD can prepare its own site-specific evaluation that can focus solely on these critical biology resource issues.

Recommended Next Steps

1. Work with Wagner & Bonsignore and other water resource experts in the Chino Basin to define the value/cost of the amount of surface water that the project may generate for storage in the Chino Groundwater Basin.

2. If a decision is made to proceed with the proposed Project, initiate the biology studies required to compile the HCP that will define the costs of mitigation to divert the volume of surface water from Chino Creek.

3. Complete the project specific CEQA evaluation for the proposed Project, using the OBMPU environmental document to the extent feasible to define the scope of the project specific environmental document.

4. Submit and process the regulatory permits (404, 401, 1600) with the Corps, Regional Board and, CDFW.

5. With the preceding data, complete the detailed engineering required to implement the proposed Project and bid the project.

Conclusion

The fact that the OBMPU acknowledges the proposed Project indicates that has professional merit. However, like most such projects there are a number of procedural and regulatory hurdles to overcome. The current procedural and regulatory setting is more complex and difficult to resolve than easier projects in the past, but the constraints outlined above will affect all future similar projects in the Chino Basin, if not California as a whole. If the CBWCD Board still has questions, I suggest that we convene a panel of experts and conduct a workshop to explore and resolve such questions.

Wagner&Bonsignore
Consulting Civil Engineers, A Corporation

Nicholas F. Bonsignore, P.E.
Robert C. Wagner, P.E.
Paula J. Whealen
David H. Peterson, CEG, CHG
David P. Lounsbury, P.E.
Vincent Maples, P.E.
Patrick W. Ervin, P.E.
Martin Berber, P.E.
Ryan E. Stolfus

James C. Hanson, P.E.
Henry S. Matsunaga

MEMORANDUM

To: Mr. Tom Dodson

From: David Lounsbury

Date: August 26, 2019

Re: **Confluence Regional Water Resource Project**
Preliminary Environmental Assessment

We understand that for completion of the requested preliminary environmental assessment and determination of project operational impacts and constraints, you have requested a description of the proposed, conceptual, project operations. The following information was taken from the RFP document prepared in request for Engineering Consulting Services for the Confluence Regional Water Resource Project, dated August 3, 2018, with supplementary information provided to support the requested project operations shown in red text below. Previous operational alternatives which have been subsequently removed from further consideration are shown with ~~line-out~~ text.

Conservation / Regulatory Storage Facility

The conceptual design for the Confluence Reservoir conservation / regulatory storage facility is a balanced cut to fill earthen embankment facility as shown on **Figure 2**. Preliminary geologic explorations conducted by the District (see **Attachment "F"**) yielded information that indicates the site is not well-suited for direct groundwater recharge as the site is underlain by a non-uniform distribution of fine-grained (silt/clay) soils across the basin and is further underlaid by shallow bedrock. While not precluding the potential for some recharge directly from this basin, the ability to successfully operate the Confluence Reservoir as a recharge basin is limited. The geologic exploration generally supports the ability to construct a regulatory storage facility on the site.

Percolation of water at the Confluence Reservoir basin is assumed to be minimal and has been estimated for the purposes of conceptual design evaluation to occur at a rate of 0.05 feet/day.

Figure 2: Proposed Configuration of Confluence Reservoir.

The current conceptual design of the regulatory storage basin has the following characteristics:

Embankment Crest Elevation	737 ft.
Basin Bottom Elevation	700 ft.
Maximum Storage Elevation	733 ft.
Freeboard	4 ft.
Embankment Height	19 ft.
Maximum Storage Capacity	146 af
Interior Basin Embankment Slope (H:V)	3:1
Exterior Basin Embankment Slope (H:V)	2:1
Internal Berm Crest Elevation	717 ft.
Internal Berm Operational Freeboard	2 ft.
Internal Berm Slope (H:V)	2:1
North-Cell Capacity	33 af
South-Cell Capacity	14 af
Total Operation Capacity Below Internal Berm	47 af

Embankment Volume (cubic yards above existing grade)	79,000 cy
Basin Excavation (cubic yards above existing grade)	96,000 cy
Excavation to Compacted Embankment Ratio (cut:fill)	1.2:1

The Confluence Reservoir basin is preliminarily designed to provide two low-level basin which would become one basin during high water events. The North low-level maximum operational capacity is about 33 ac-ft and the South basin is about 14 ac-ft as shown on the following area-capacity tables.

Confluence Reservoir
North Cell
Area-Capacity Calculation

Contour	Area	Area	Avg Area	Depth	Volume	Sum Volume
ft	sf	ac	ac	ft	ac-ft	ac-ft
700	70,039	1.61				0
			1.79	5	8.97	
705	86,277	1.98				8.97
			2.18	5	10.91	
710	103,797	2.38				19.88
			2.60	5	12.99	
715	122,600	2.81				32.87

Confluence Reservoir
South Cell
Area-Capacity Calculation

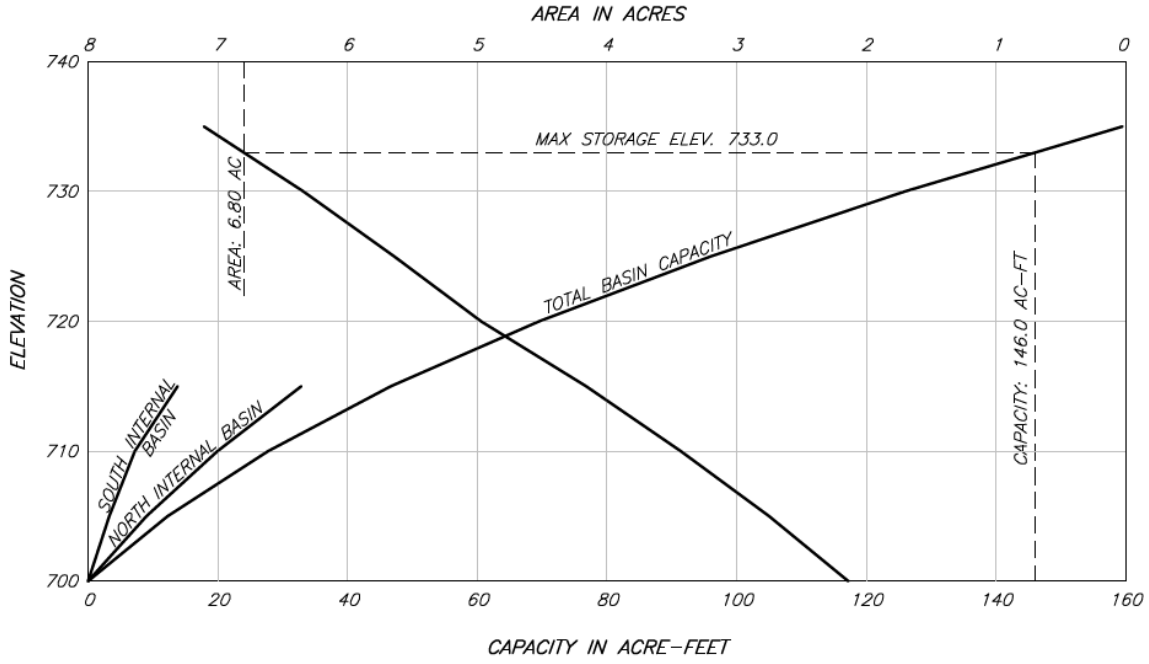
Contour	Area	Area	Avg Area	Depth	Volume	Sum Volume
ft	sf	ac	ac	ft	ac-ft	ac-ft
700	23,270	0.53				0
			0.65	5	3.26	
705	33,601	0.77				3.26
			0.91	5	4.54	
710	45,451	1.04				7.80
			1.20	5	5.98	
715	58,802	1.35				13.78

At maximum storage, during high water events, the embankment between the two low-level basin would be inundated and the basin would become a single basin with a total capacity of about 1 ac-ft as shown on the following area-capacity table.

Confluence Reservoir
Total Basin
Area-Capacity Calculation

Contour	Area	Area	Avg Area	Depth	Volume	Sum Volume
ft	sf	ac	ac	ft	ac-ft	ac-ft
700	93,310	2.14				0
			2.45	5	12.24	
705	119,878	2.75				12.24
			3.09	5	15.45	
710	149,248	3.43				27.68
			3.80	5	18.98	
715	181,402	4.16				46.66
			4.57	5	22.83	
720	216,324	4.97				69.48
			5.30	5	26.51	
725	245,533	5.64				95.99
			5.99	5	29.94	
730	276,154	6.34				125.93
			6.56	3	19.67	
733	295,203	6.78				145.61

The above is also shown on the following figure.



AREA/CAPACITY CURVES

The reservoir facility may be under the jurisdiction of the State of California, Division of Safety of Dams (DSOD). The development of the reservoir under the jurisdiction of DSOD is not considered to be a limitation or constraint, however the requirements of obtaining DSOD approval of the Confluence Project shall be included in the proposed Scope of Work to be completed by ENGINEER. The Confluence Basin will require appurtenance facilities including intra-basin low-level flow controls, intra-basin high-level flow controls, low-level basin outlet (drain), and high-level basin outlet (spillway). The requirements for this appurtenance facilities shall be evaluated to meet DSOD's minimum standards for safety. The District Engineer will coordinate and interface with DSOD, as required, for completion of the proposed Scope of Work by the ENGINEER.

Diversion Facilities on San Antonio and Chino Creeks

The diversion facilities on San Antonio and Chino Creeks are conceptually developed to include three components, a gravity diversion inlet with flow controls and conveyance conduit from the channel to the basin interior, a pneumatically actuated bladder gate (Obermeyer Gate), and a pump system, as shown on **Figure 3**.

Figure 3: Conceptual Configuration the Chino Creek and San Antonio Creek Diversion Facilities.

The conceptual design for the gravity diversion inlet facilities on San Antonio and Chino Creeks is proposed to consist of a drop inlet facility constructed across the entire channel, a sluice gate control structure, 48-inch diameter RCP conveyance pipe, and an energy dissipater constructed at the discharge of the conveyance pipe in the basin.

The gravity diversion inlet facilities are proposed to be capable of diverting up to 100 cfs (each) from San Antonio and from Chino Creeks, or up to 200 cfs total from both sources.

The gravity diversion from Chino Creek would occur when water levels in the Confluence Reservoir basin are below approximate elevation 710 ft. which is the approximate channel invert elevation at the Chino Creek Diversion. Gravity diversion from San Antonio Creek would occur when water levels in the Confluence Reservoir basin are below 712 ft. at the approximate channel invert elevation at the San Antonio Creek Diversion.

The pneumatically actuated bladder gate is proposed to be constructed immediately downstream of the gravity diversion inlet within each channel to raise the water level in the channel. The bladder gate is assumed to be less than 6 feet in height, which would preclude it from being a structure under DSOD jurisdiction. The bladder gate would function to allow for the gravity diversion of flows in the channel to storage in the basin to

a level approximately equal to the top of bladder gate elevation. The cost for installation and operation of the bladder gate system is assumed to be less than the cost for pump diversions into the basin.

The bladder gate assisted gravity diversion from Chino Creek would occur when water levels in the Confluence Reservoir basin are below approximate elevation 715 ft. which is the approximate water level in the Chino Creek channel as elevated approximately 5 feet by the bladder gate located immediately downstream of the Chino Creek gravity diversion inlet (elev. 710 + 5 ft. = elev. 715). Similarly, bladder gate assisted gravity diversion from San Antonio Creek would occur when water levels in the Confluence Reservoir basin are below 717 ft. (San Antonio Channel invert elev. 712 + 5 ft. = elev. 717).

The pump diversion inlet component is presumed to operate at a rate of approximately 25 cfs (each) (50 cfs total from both sources) which would enable the low-level reservoir basin area to be filled in about one day.

The pump-to-storage diversion from Chino Creek would occur when water levels in the Confluence Reservoir basin are above approximate elevation 715 ft. and from San Antonio Creek would occur when water levels in the Confluence Reservoir basin are above approximate elevation 717 ft.

The requirements for, and the operations of, the diversions inlet facilities shall be determined within the proposed Scope of Work by the ENGINEER.

Regional Water Conveyance to Existing Conservation Storage Facilities

The conceptual design of the regional water conveyance system, as shown in **Figure 5**, was determined based on unit cost analyses for conservation water developed while considering pipeline construction, energy costs, and operation and maintenance costs. Further analyses shall be completed by the ENGINEER to evaluate alternatives for pipe installations, including pipe diameter, type, pressure class, installation location, and special construction requirements, all as it also relates to hydrologic performance and operational costs.

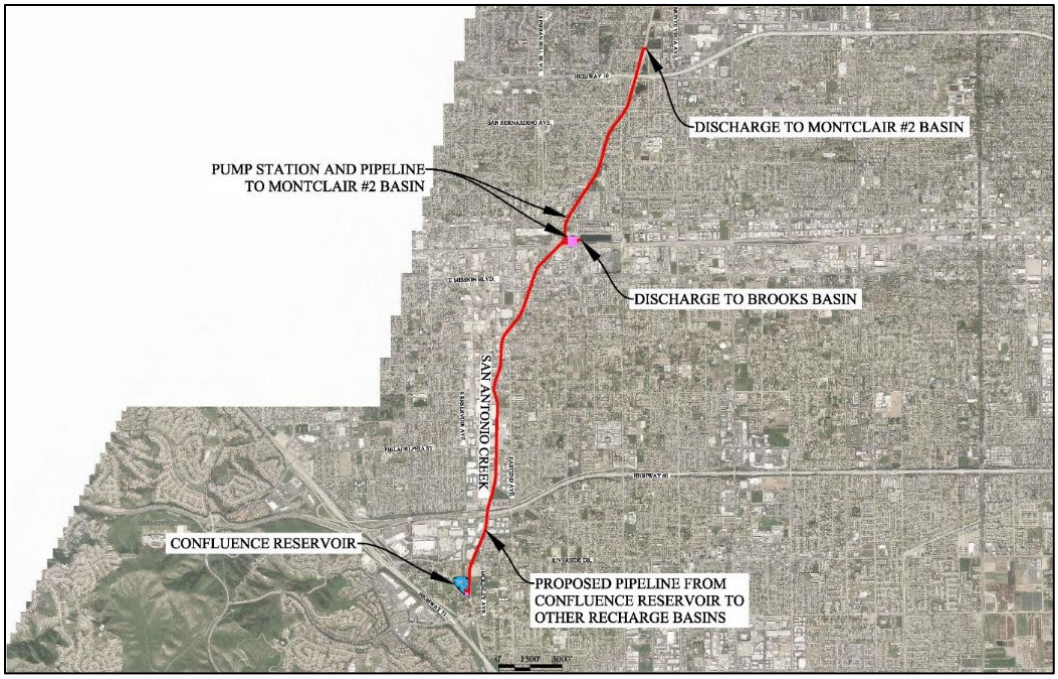


Figure 5: Conceptual Configuration of the Pipeline to Recharge Basins.

The hydrologic modeling of the proposed regional water conveyance system, as it operates within the overall Chino Basin, shall be completed by the District Engineer and the District Engineer's Subconsultant. The ENGINEER may work directly with District Engineer's Subconsultant to evaluate proposed regional water conveyance system operations.

The most-efficient conceptual water conveyance system alternatives evaluated consists of 16-inch diameter ductile iron pipe (DIP) to conveys water at a rate of ~~3,000 to 4,000~~ 2,900 gpm (6.5 cfs) from the Confluence Basin to ~~regulatory storage in Brooks Basin, and thence conveying the same quantity and rate of water to the destination conservation storage facility at~~ Montclair #2 Basin. ~~Optimized operations of the regulatory storage basin (Brooks Basin) and the requirements for the quantity and rate of pumping are elements of the Scope of Work to be evaluated by the ENGINEER~~.

(The proposed concept to regulate water in Brook Basin has been removed from consideration for project operations at this time.)

***

DRAFT TECHNICAL MEMORANDUM

January 9, 2020

TO: Tom Dodson

FROM: Lauren Sather, Carolina Sanchez, Mark Wildermuth

RE: Hydrologic evaluation of the proposed Confluence Project

Objectives

The Chino Basin Water Conservation District is evaluating the feasibility of constructing and operating a storage facility at the confluence of Chino and San Antonio Creeks: The Confluence Regional Water Resource Project. The proposed project will divert stormwater and dry-weather discharge into a storage facility (hereafter, Confluence Reservoir) and then pump that water to the Montclair 2 Basin where it can be recharged in the Montclair 2, 3, and 4 spreading basins. The objective of this technical memorandum is to describe how this facility could operate and the average annual yield of the project. And, specifically, based on the preliminary design concept developed by Wagner and Bonsignore,[1] how we estimated the diversions into the Confluence Reservoir, changes in surface water discharge downstream of the proposed project, and the proposed project's potential yield.

Methodology

The rate and amount of water diverted into the Confluence Reservoir from each diversion point was estimated for the period of October 1988 through September 2019 using the 15-minute interval discharge record from the USGS gauge on Chino Creek at Schaefer Avenue (USGS station 11073360; located just downstream of the proposed project) and the USGS gauge on San Antonio Creek at Riverside Drive (USGS station ID 11073300: located just upstream of the proposed project). At the proposed diversion point along San Antonio Creek, the flow in the creek was assumed equal to the gauged San Antonio Creek flow at Riverside Drive. At the proposed diversion point along Chino Creek, the flow in the creek was estimated by subtracting the gauged San Antonio Creek flow at Riverside Drive from the gauged Chino Creek flow at Schaefer Avenue[2]. Per Wagner & Bonsignore's preliminary design, both diversions into the Confluence Reservoir were modeled as gravity diversion inlets (max rate of 100 cfs each) when the storage in the reservoir was less than or equal to 47 af or as pumped diversions (max rate of 25 cfs each) otherwise. We assumed continuous pumping from the Confluence Reservoir to the Montclair 2 Basin, at a rate of 6.5 cfs, if water was in the Confluence Reservoir. Note that this pumping rate to the Montclair 2 basin is significantly less than the infiltration rate of the combined Montclair 2, 3, and 4 spreading basins.

[1] Wagner & Bonsignore. Memorandum on Confluence Regional Water Resource Project Preliminary Environmental Assessment. August 26, 2019.

[2] In our calculations, the flow in Chino Creek at Schaefer Avenue was reduced by 16% of the reported values to account for the difference in drainage area between the Confluence Reservoir and the location of the gauge.

Estimated flow in Chino Creek with and without the diversion to the Confluence Reservoir

Figure 1 shows the flow duration curve for the estimated stormwater flow in Chino Creek directly downstream of the Confluence Reservoir with and without diversion to the Confluence Reservoir for the entire range of measured flows. A flow-duration curve is a cumulative frequency curve that shows the percent of time specified flows were equaled or exceeded during a given period. It combines, in one curve, the flow characteristics of a stream throughout the range of flows without regard to the sequence of occurrence. If the period upon which the curve is based represents the long-term flow of a stream, the curve may be used to predict the distribution of future flows for hydropower, water-supply, and pollution studies. Comparing these curves with and without the Confluence Project illustrates how the frequency of discharge changes with the project. Figure 2 shows the flow duration curve for flow rates between 2 cfs and 200 cfs. Inspection of Figure 2 indicates that all flow in Chino and San Antonio Creeks is diverted into the Confluence Reservoir when their combined flow is less than 30 cfs. When the combined flow in the creeks is between 30 cfs and 200 cfs, the relative amount of water diverted to the Confluence Reservoir, compared to total flow, decreases as total storm flow increases. The flow duration curves are nearly identical when the flow without diversion is greater than 200 cfs, suggesting that changes in flow caused by the impact of the project are relatively small for discharges greater than 200 cfs. This occurs because the Confluence Reservoir fills rapidly for stormwater flows above 30 cfs and stays full until the stormwater flow falls below 30 cfs.

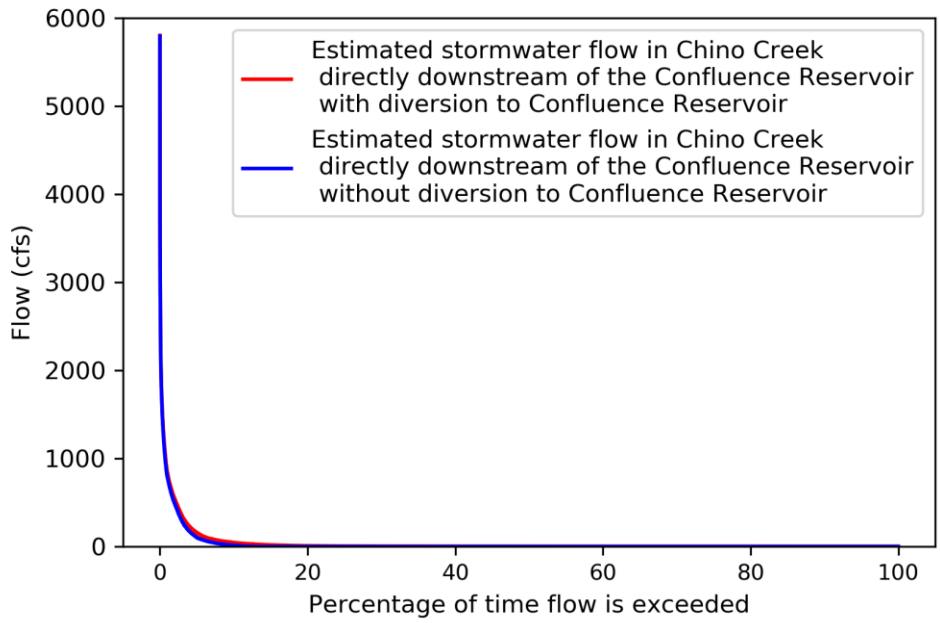


Figure 1: Flow duration curve for the estimated stormwater flow (>=2 cfs) in Chino Creek directly downstream of the Confluence Reservoir with and without the diversion to the Confluence Reservoir—entire discharge record. Flow was estimated every 15 minutes between 10/1/1988 and 10/1/2019.

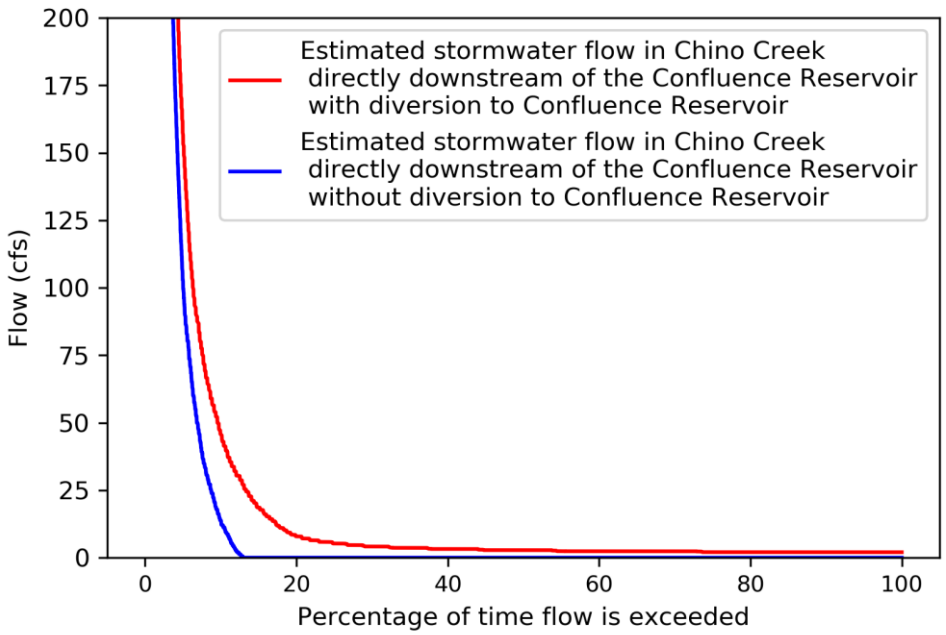


Figure 2: Flow duration curve for the estimated stormwater flow (>=2 cfs) in Chino Creek directly downstream of the Confluence Reservoir with and without the diversion to the Confluence Reservoir—discharges less than 200 cfs. Flow was estimated every 15 minutes between 10/1/1988 and 10/1/2019.

Estimated annual stormwater and dry-weather diversions to the Confluence Reservoir

Figure 3 shows the estimated total annual stormwater and dry-weather flow diverted to the Confluence Reservoir and the estimated annual flow in Chino Creek at the USGS Schaefer gauge after diversion. The combined bars represent historical flow in Chino Creek at the USGS Schaefer gauge. The average annual diversion to the Confluence Reservoir is estimated to be 1,613 afy, have a median value of 1,487 afy, and range from 639 afy to 3,352 afy.

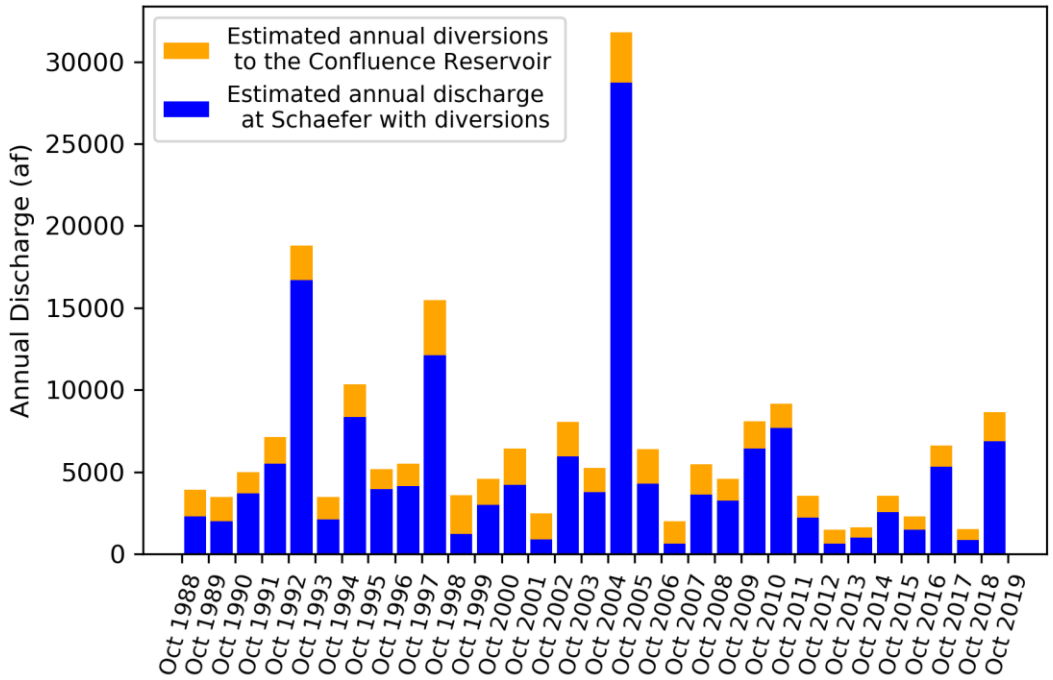
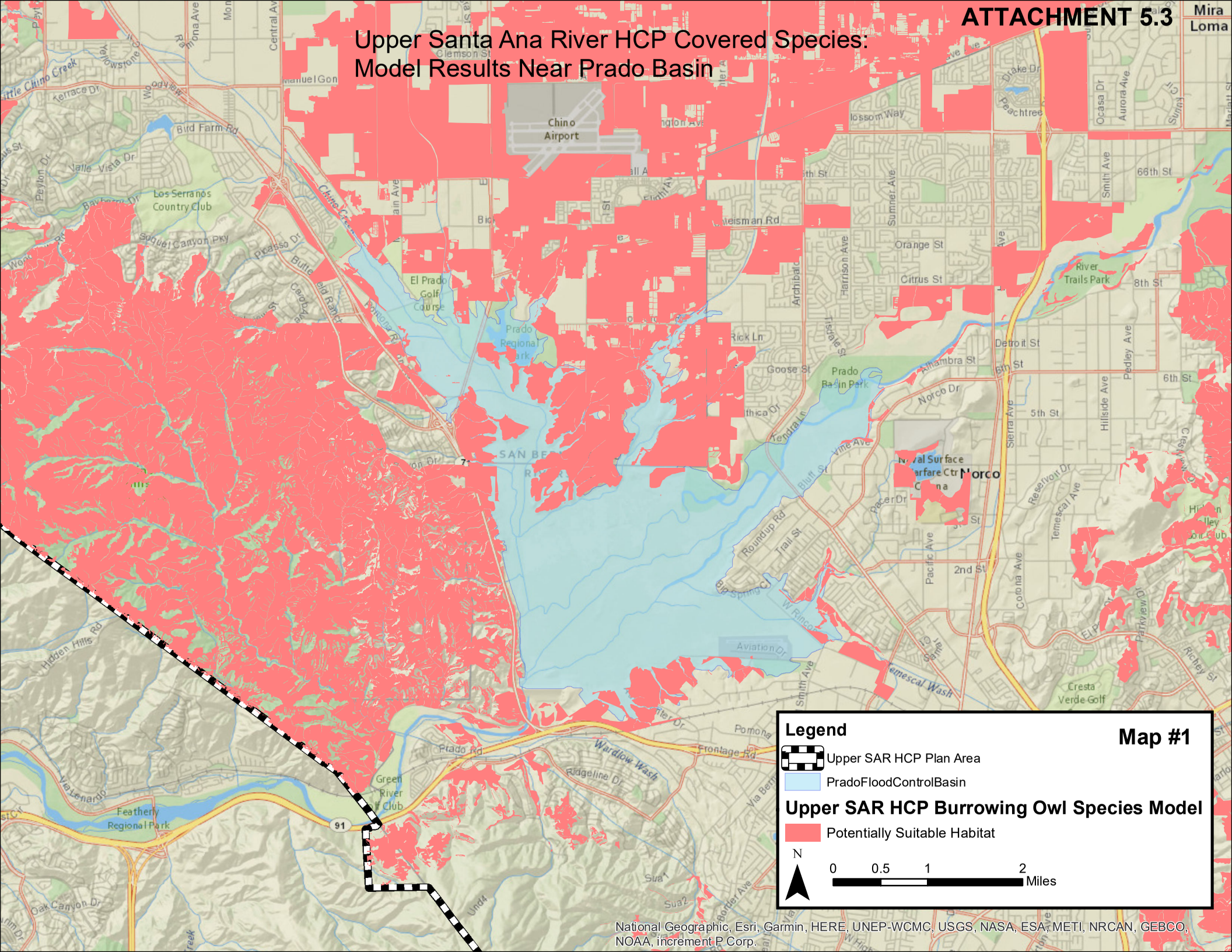


Figure 3: Estimated total annual diversions to the Confluence Reservoir as well as estimated annual discharge at the USGS gauge at Schaefer with diversions from 10/1/1988 to 10/1/2019

ATTACHMENT 5.3

Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



Legend

Map #1

Upper SAR HCP Plan Area

PradoFloodControlBasin

Upper SAR HCP Burrowing Owl Species Model

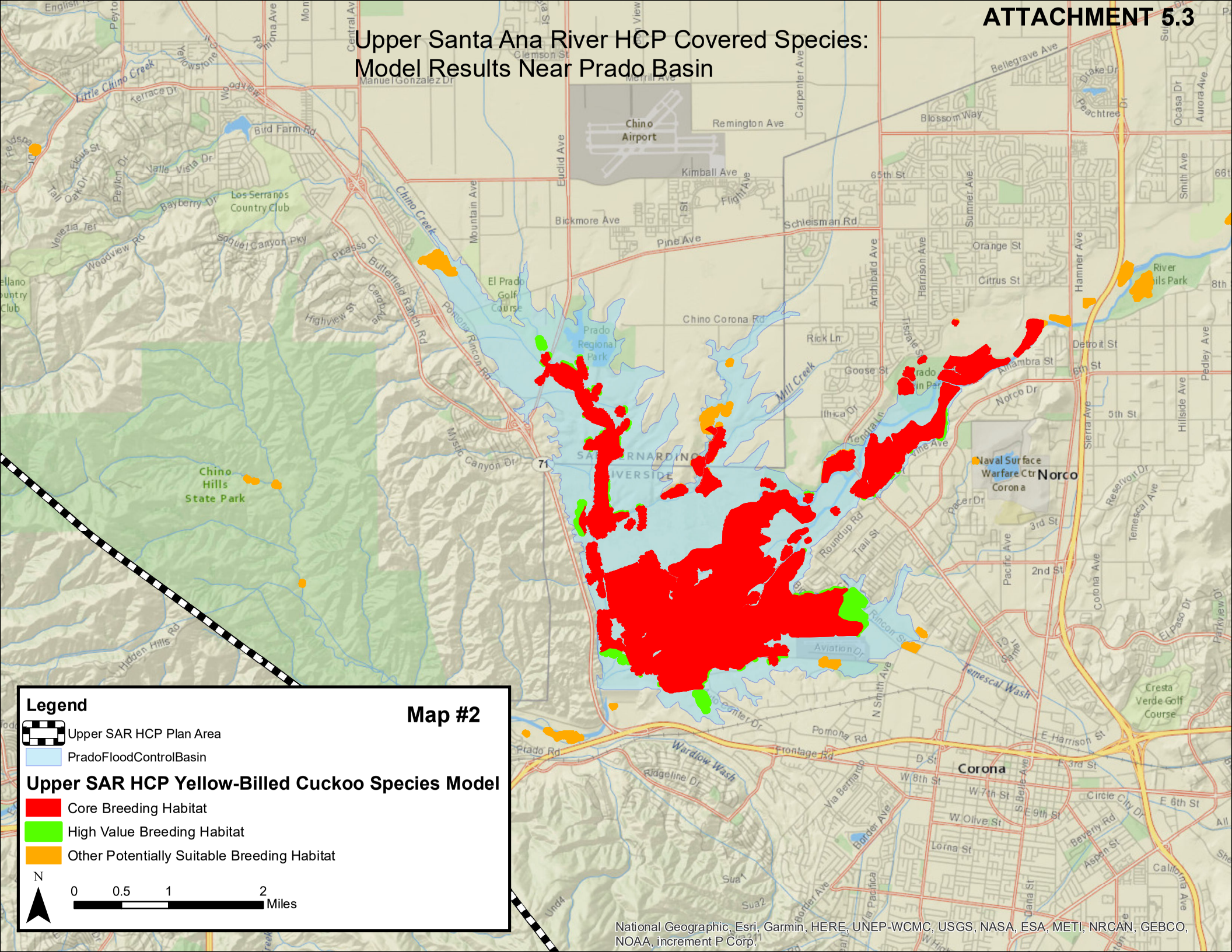
Potentially Suitable Habitat

N

0 0.5 1 2 Miles

ATTACHMENT 5.3

Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



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Map #2

- Upper SAR HCP Plan Area
- PradoFloodControlBasin

Upper SAR HCP Yellow-Billed Cuckoo Species Model

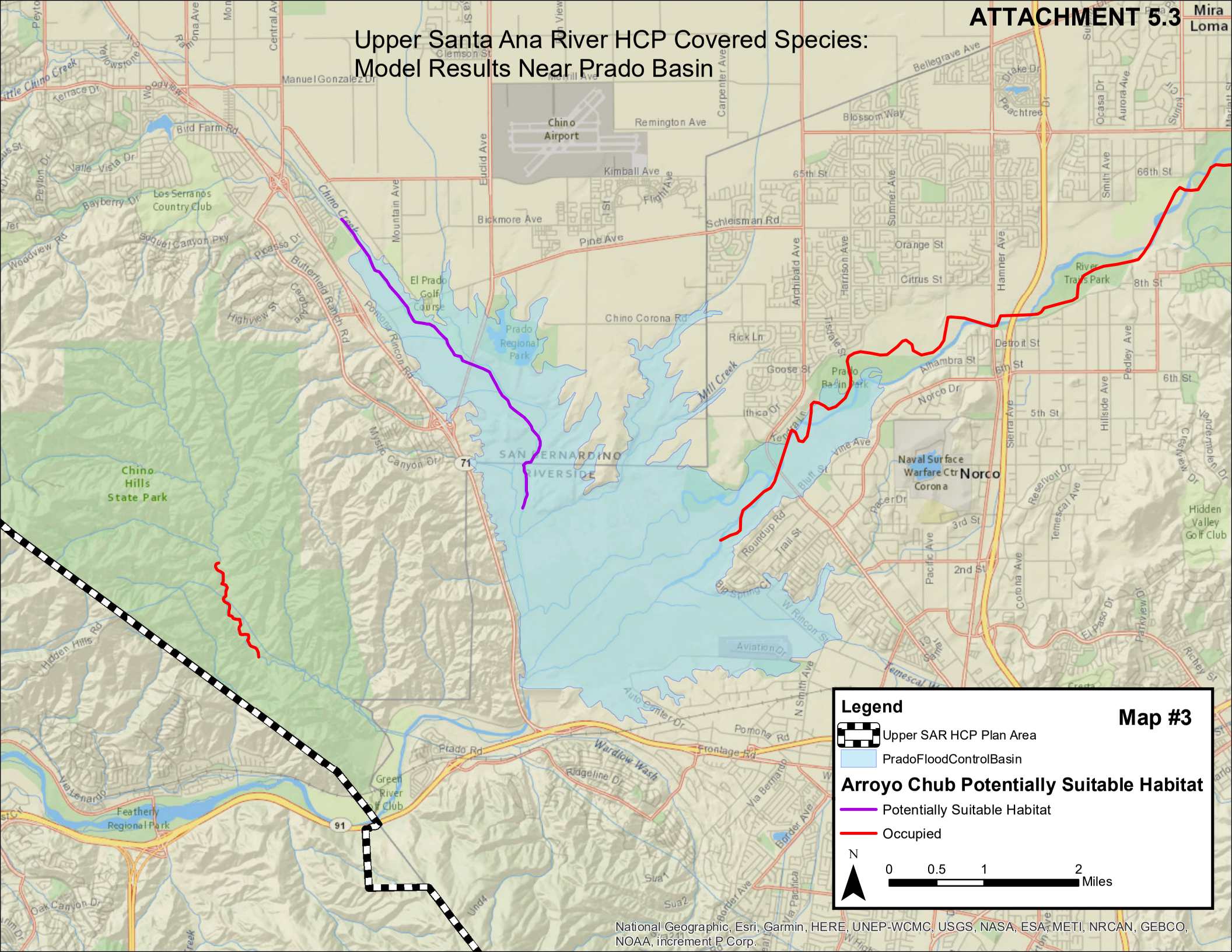
- Core Breeding Habitat
- High Value Breeding Habitat
- Other Potentially Suitable Breeding Habitat

N

0 0.5 1 2 Miles

ATTACHMENT 5.3

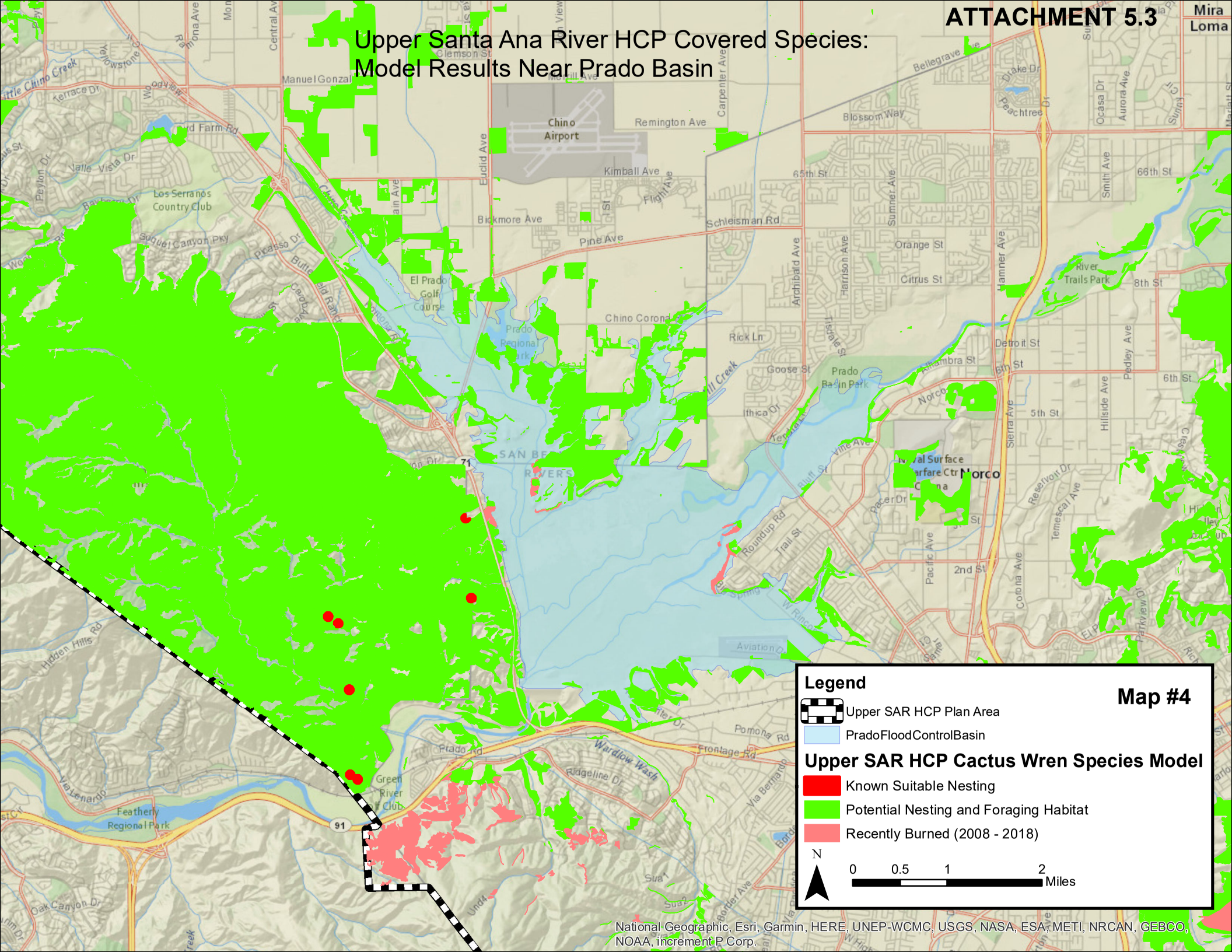
Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp.

ATTACHMENT 5.3

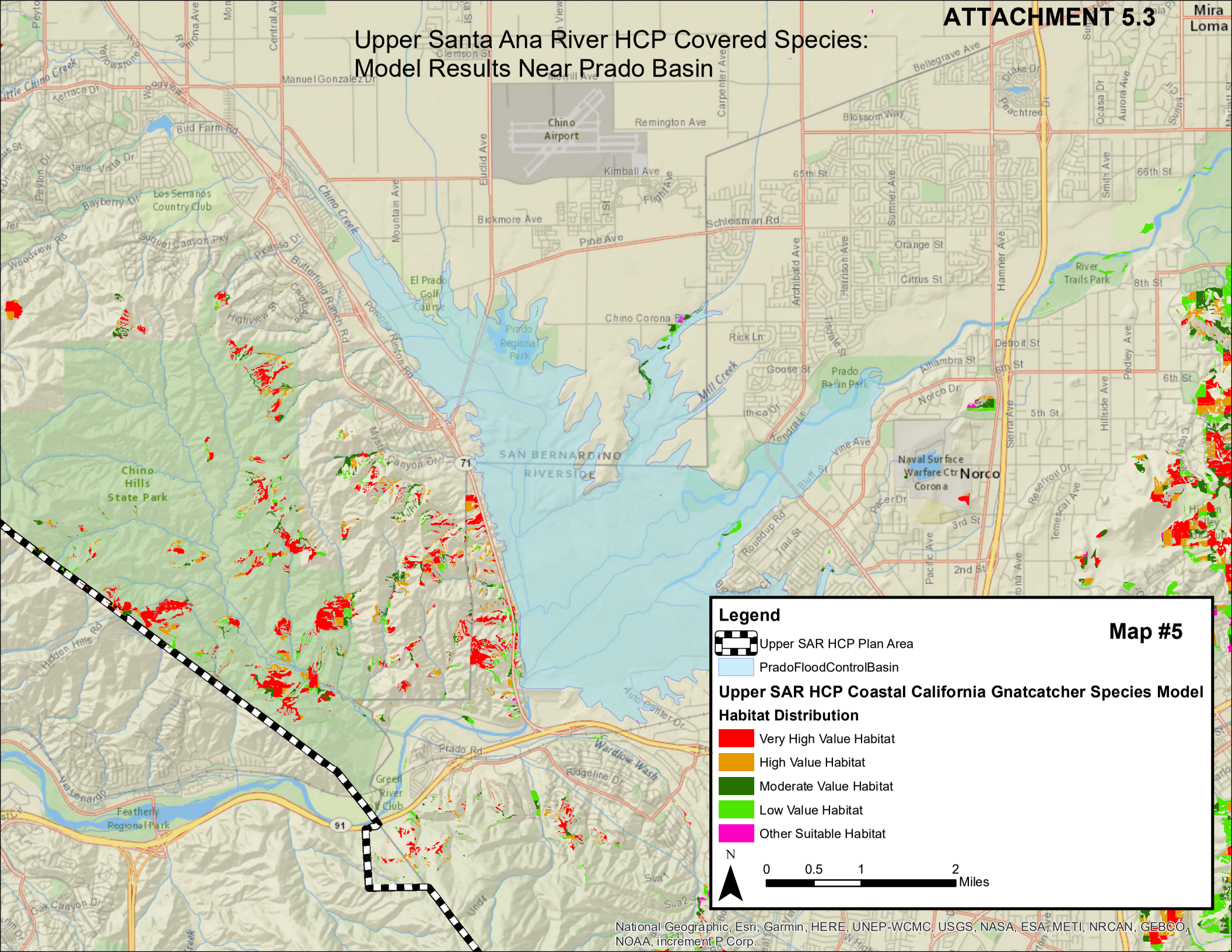
Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp.

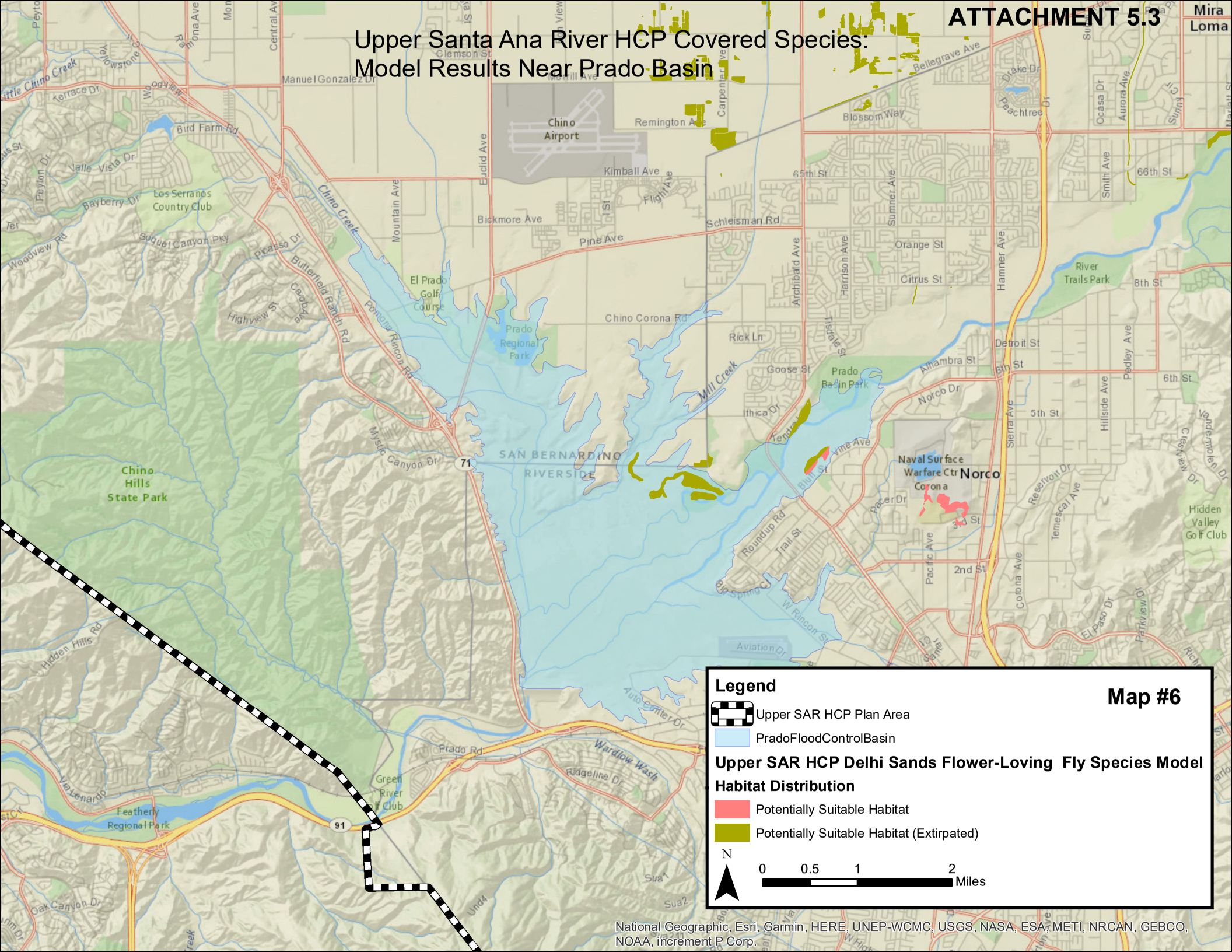
ATTACHMENT 5.3

Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



ATTACHMENT 5.3

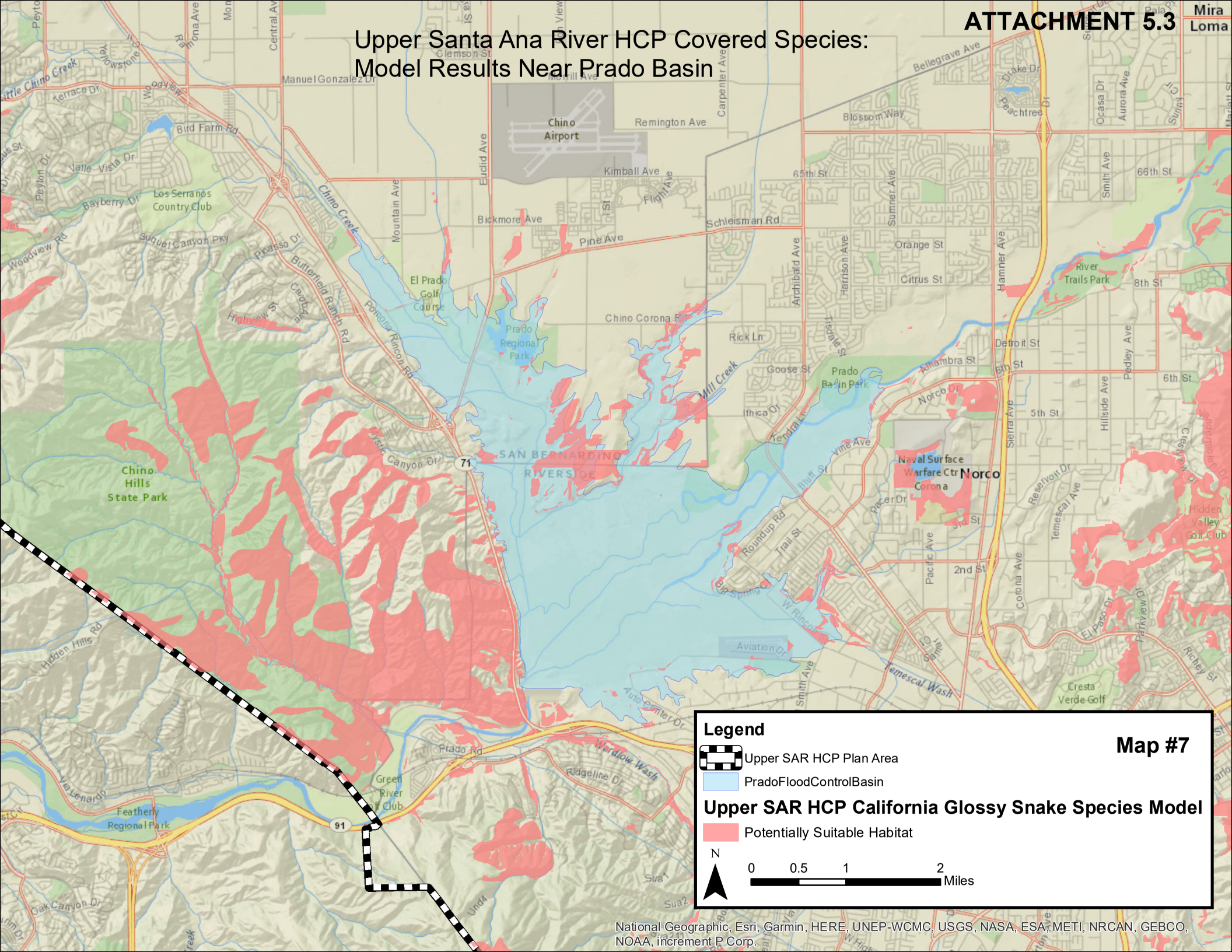
Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp.

ATTACHMENT 5.3

Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



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Upper SAR HCP Plan Area

PradoFloodControlBasin

Upper SAR HCP California Glossy Snake Species Model

Potentially Suitable Habitat

N

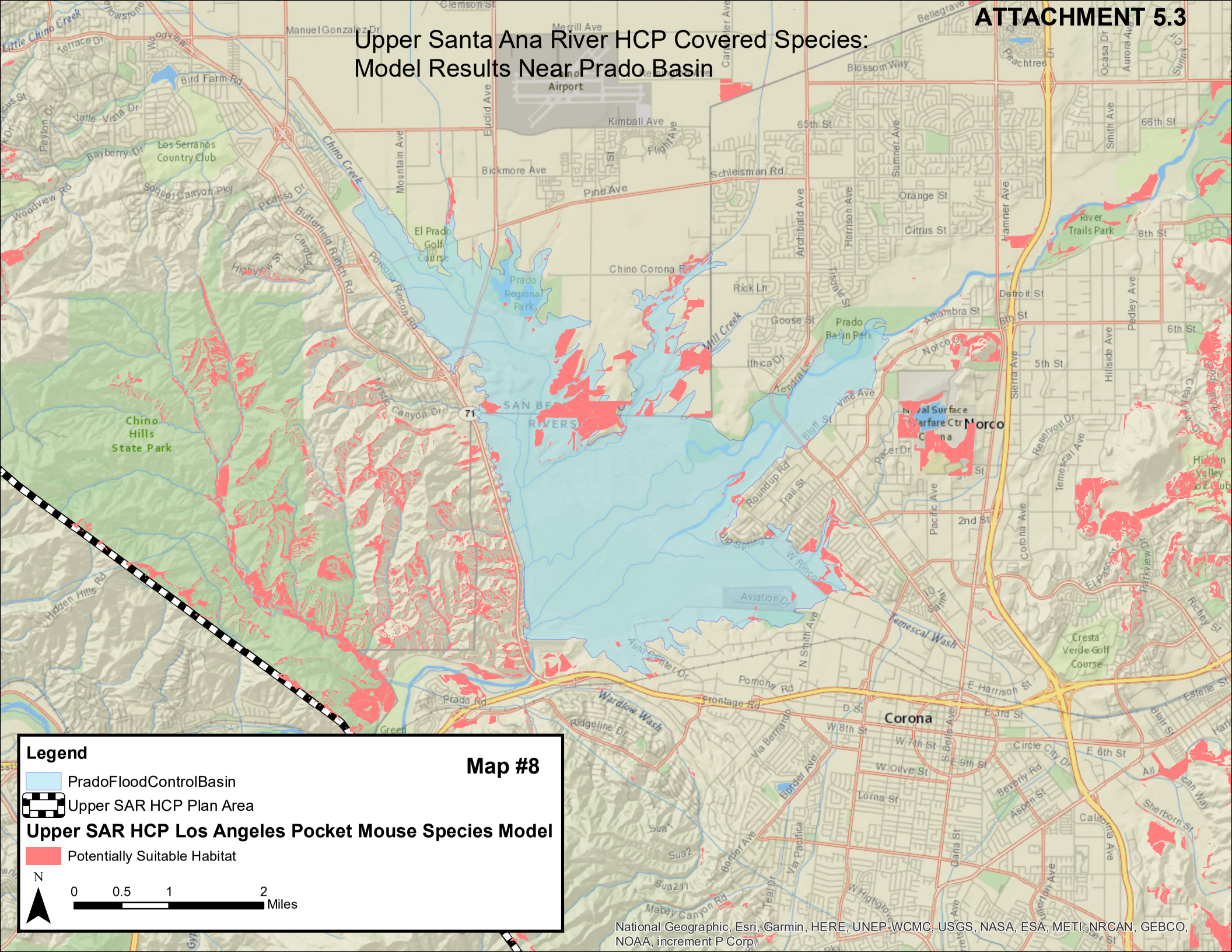
0 0.5 1 2 Miles

Map #7

National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp.

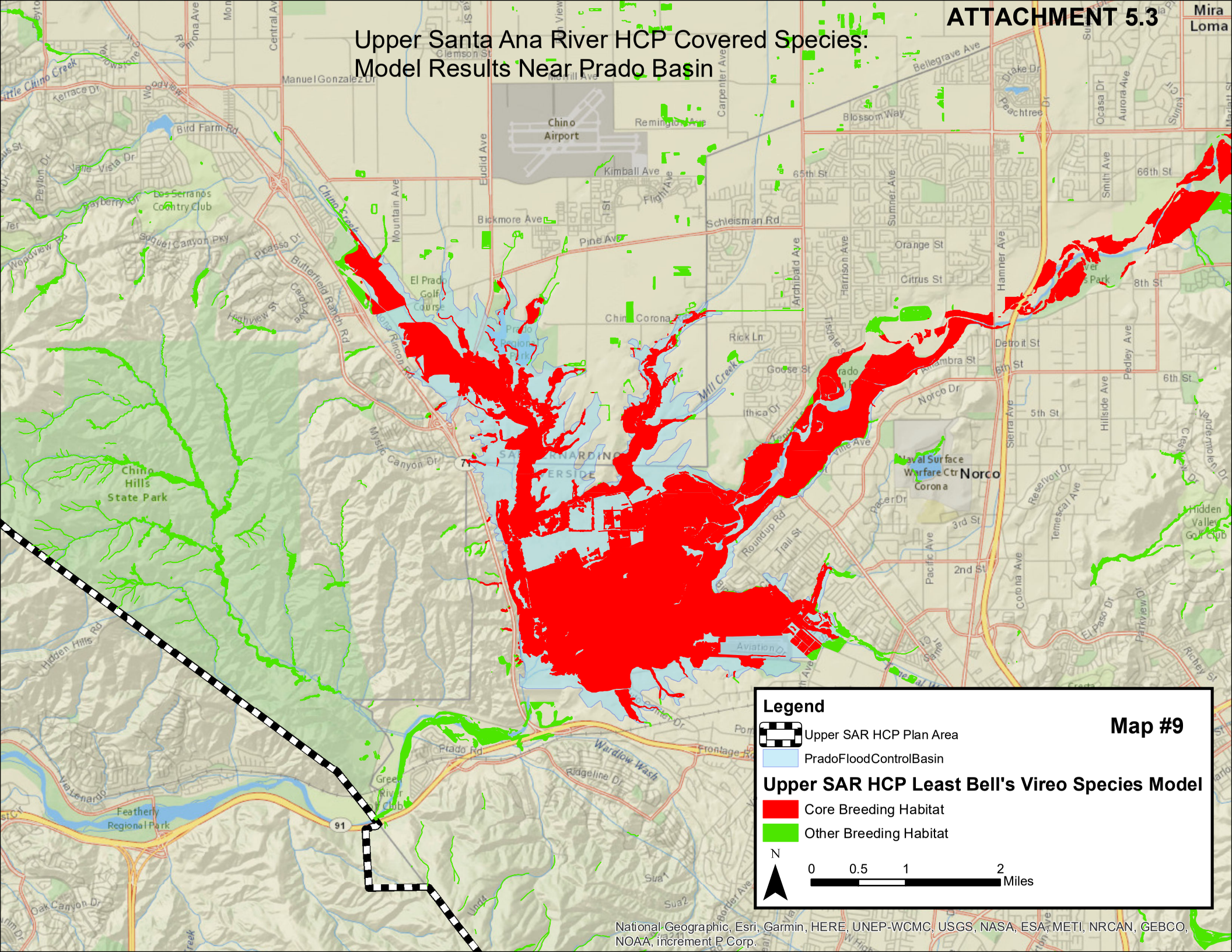
ATTACHMENT 5.3

Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



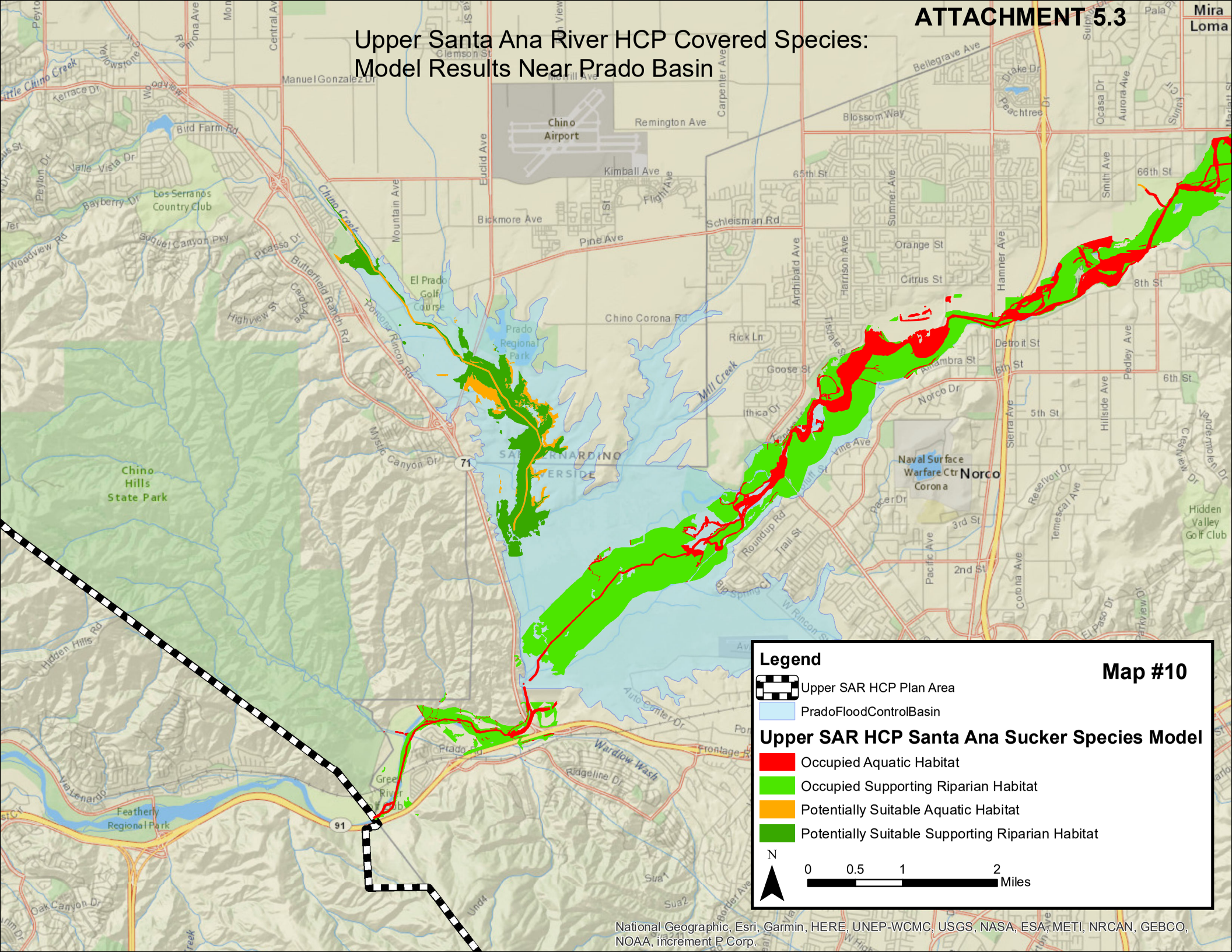
ATTACHMENT 5.3

Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



ATTACHMENT 5.3

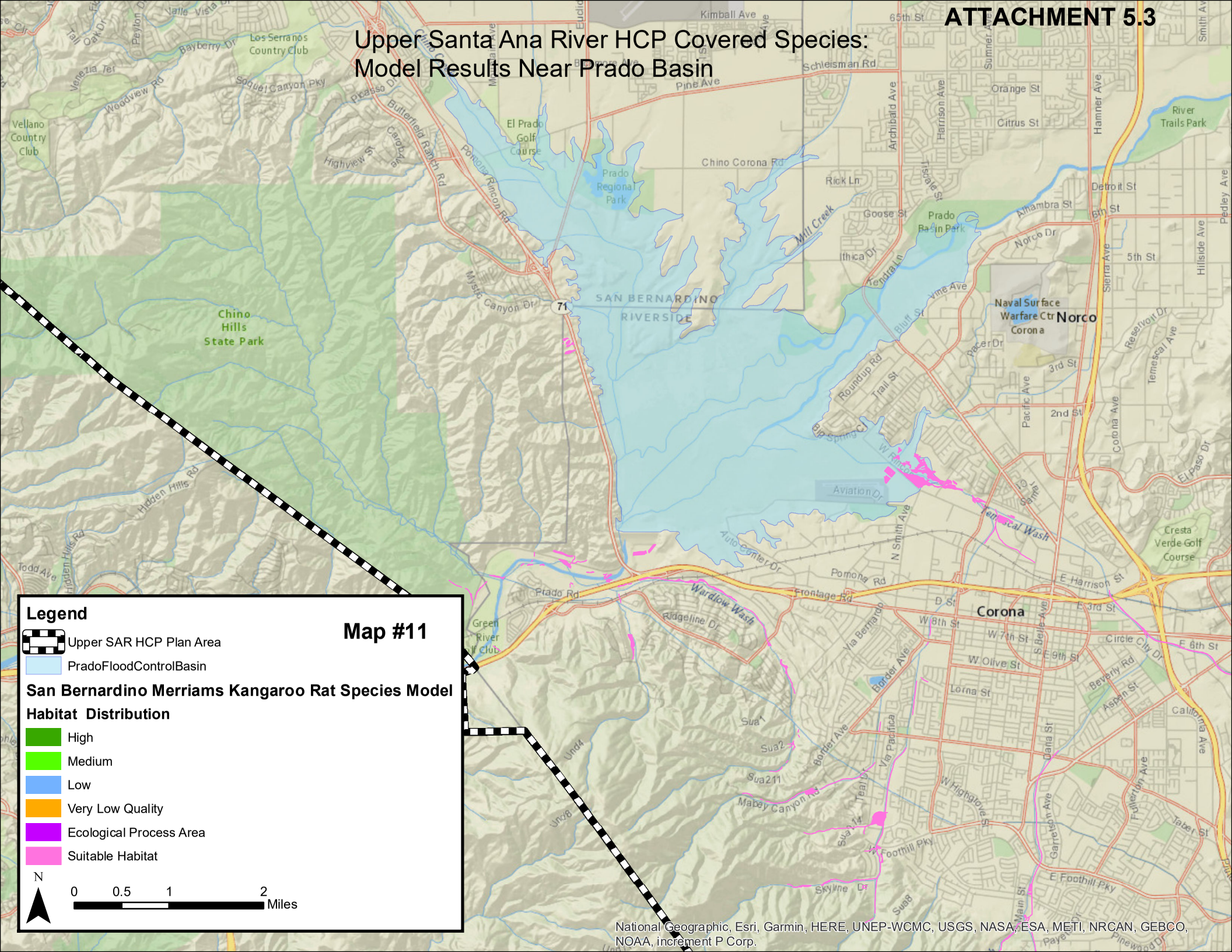
Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp.

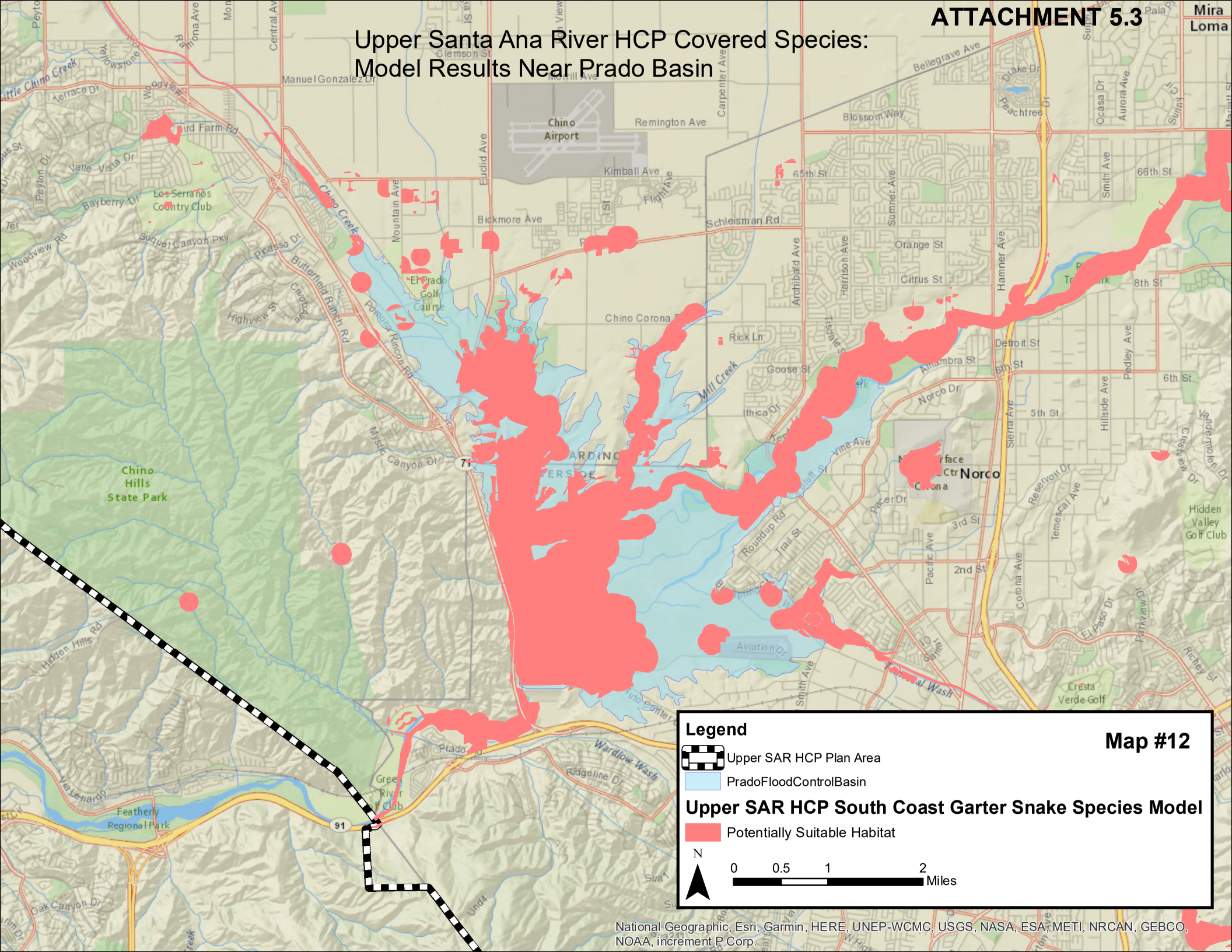
ATTACHMENT 5.3

Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



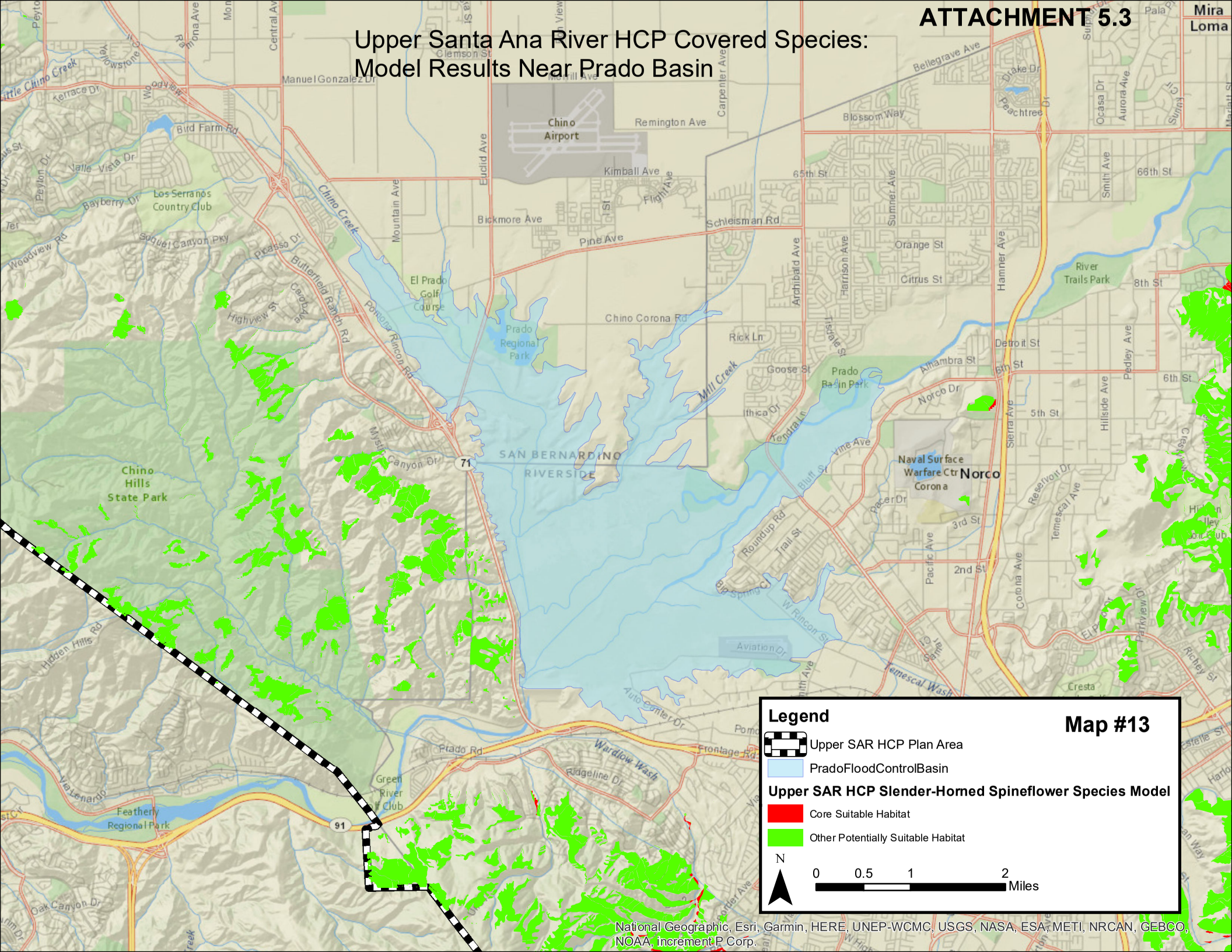
ATTACHMENT 5.3

Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



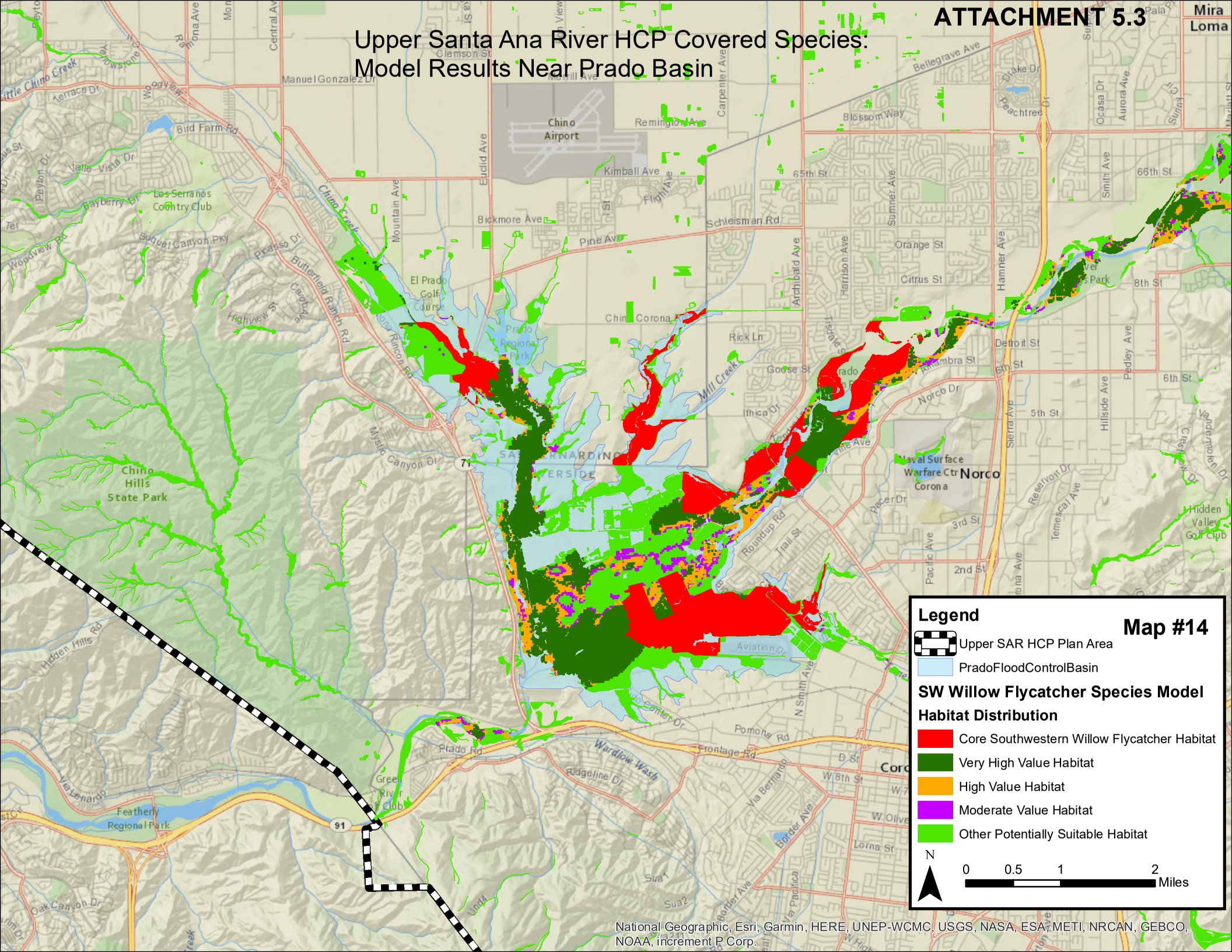
ATTACHMENT 5.3

Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



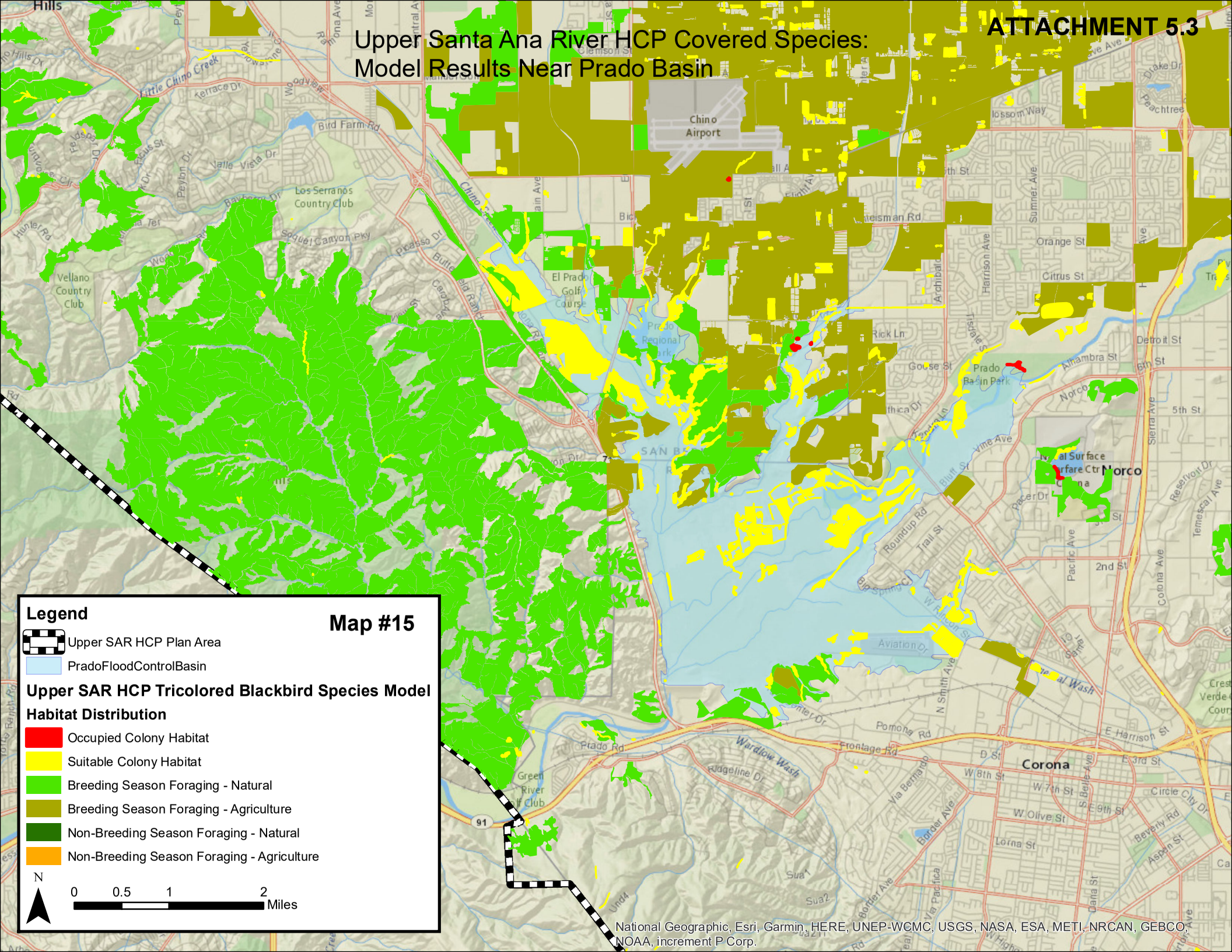
ATTACHMENT 5.3

Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



ATTACHMENT 5.3

Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



Legend

Map #15

- Upper SAR HCP Plan Area
- PradoFloodControlBasin

Upper SAR HCP Tricolored Blackbird Species Model Habitat Distribution

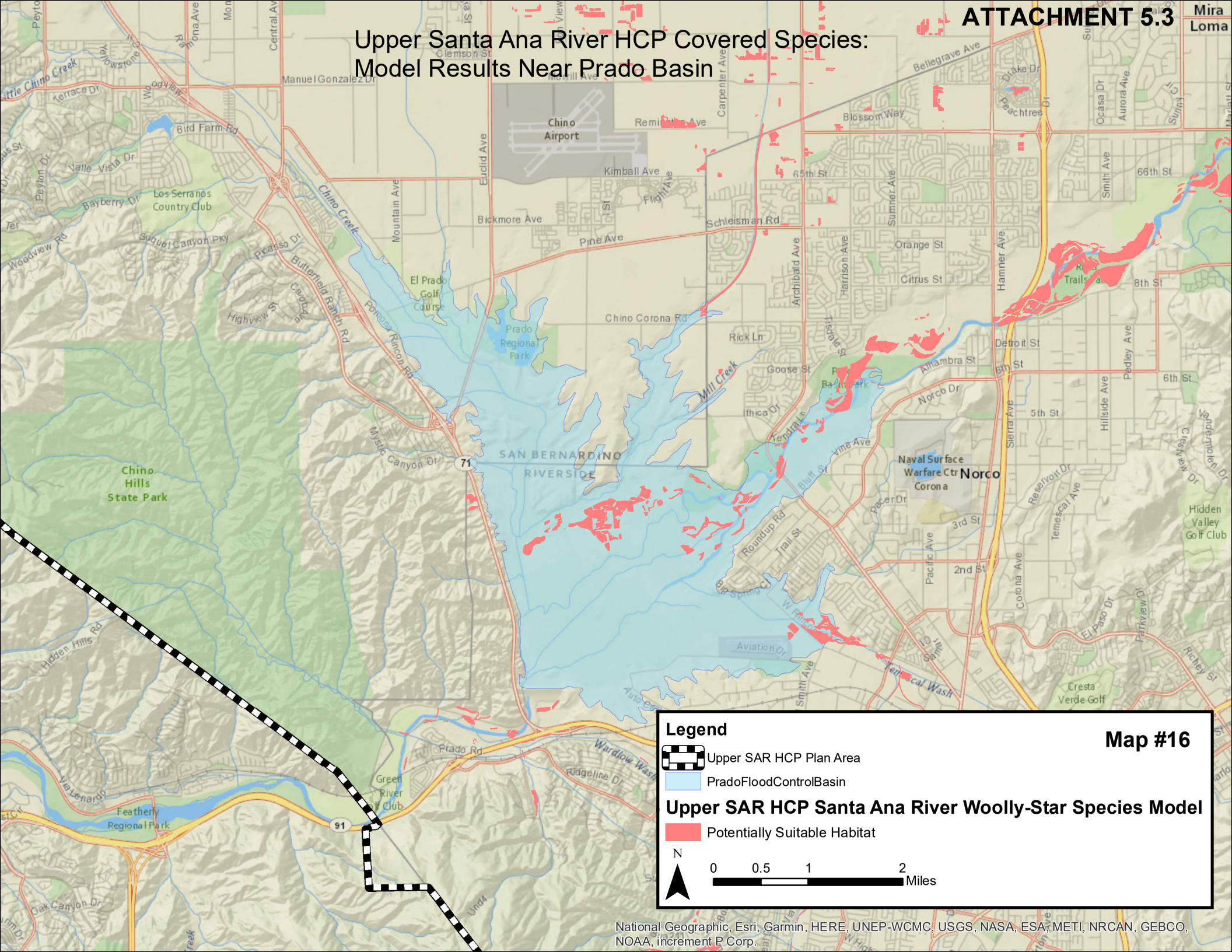
- Occupied Colony Habitat
- Suitable Colony Habitat
- Breeding Season Foraging - Natural
- Breeding Season Foraging - Agriculture
- Non-Breeding Season Foraging - Natural
- Non-Breeding Season Foraging - Agriculture

N

0 0.5 1 2 Miles

ATTACHMENT 5.3

Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



Legend

Map #16

Upper SAR HCP Plan Area

PradoFloodControlBasin

Upper SAR HCP Santa Ana River Woolly-Star Species Model

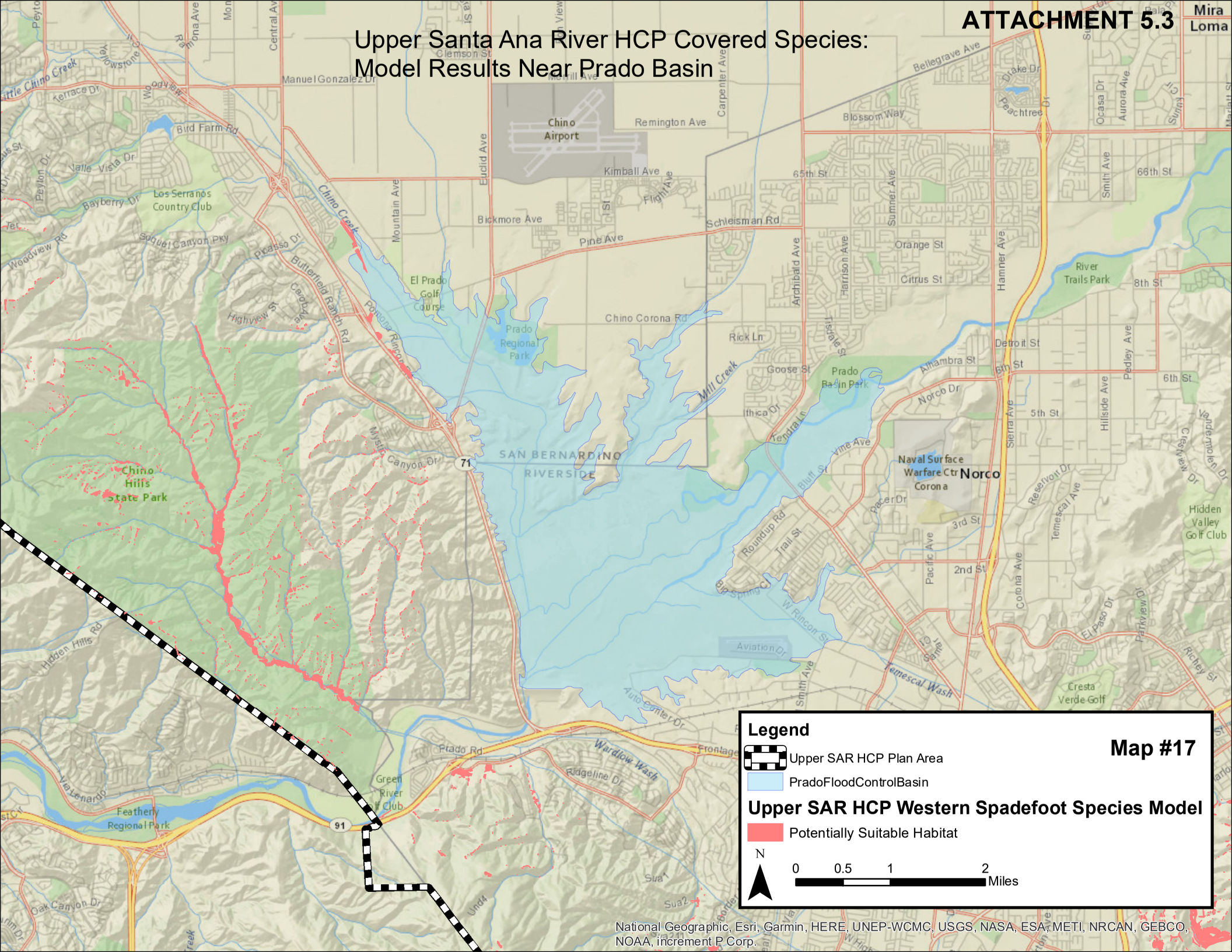
Potentially Suitable Habitat

N

0 0.5 1 2 Miles

ATTACHMENT 5.3

Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



Legend

Map #17

- Upper SAR HCP Plan Area
- PradoFloodControlBasin

Upper SAR HCP Western Spadefoot Species Model

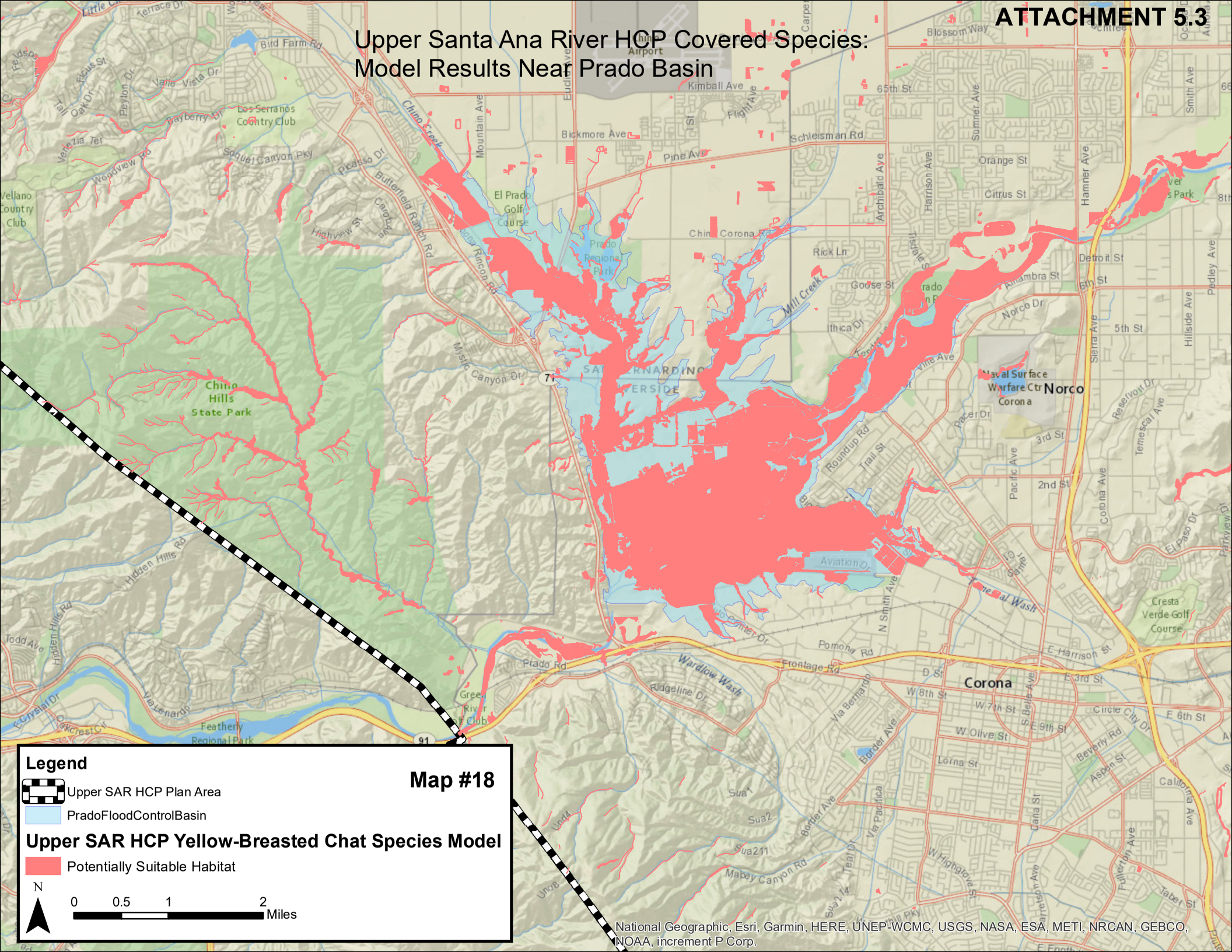
- Potentially Suitable Habitat

N

0 0.5 1 2 Miles

ATTACHMENT 5.3

Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



Legend

Map #18

Upper SAR HCP Plan Area

PradoFloodControlBasin

Upper SAR HCP Yellow-Breasted Chat Species Model

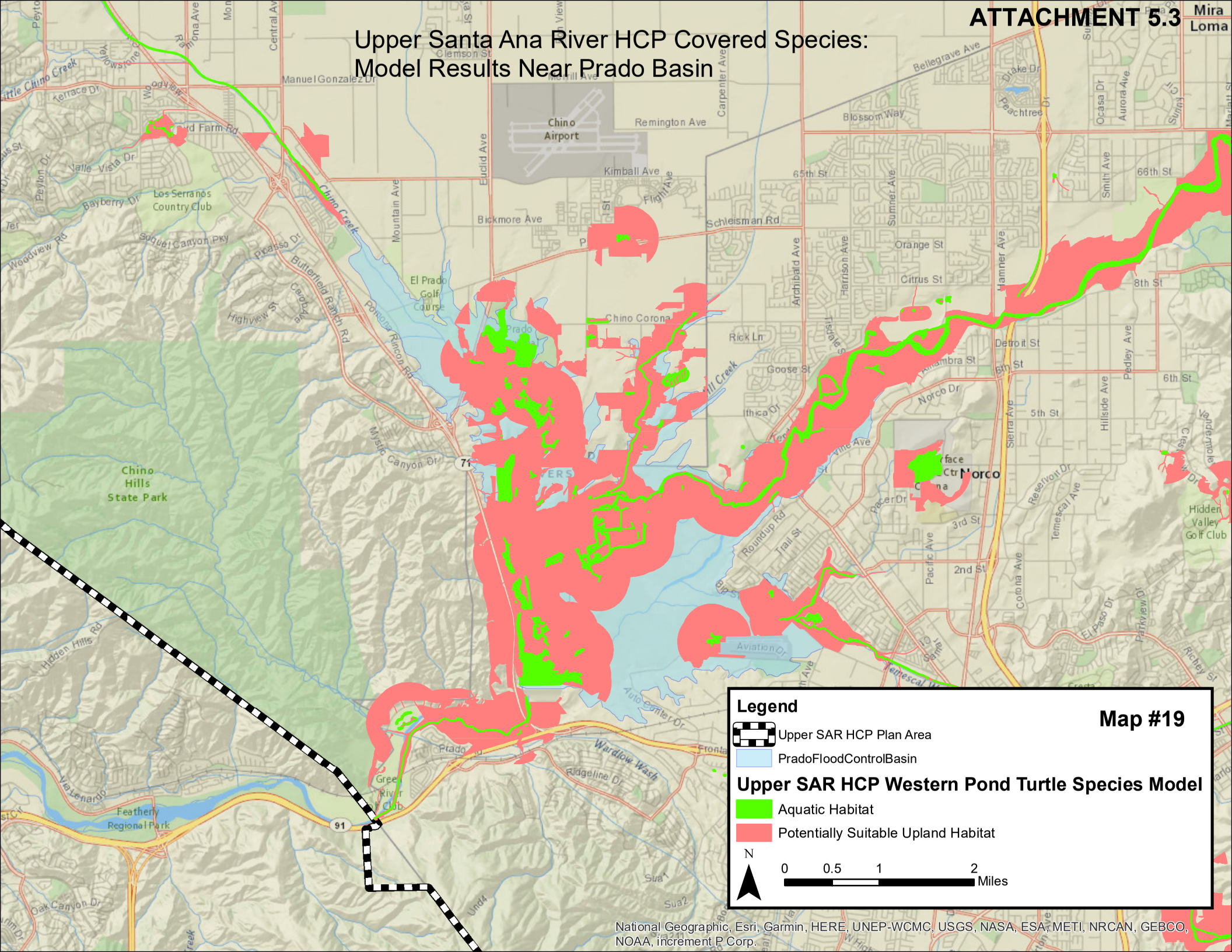
Potentially Suitable Habitat

N

0 0.5 1 2 Miles

ATTACHMENT 5.3

Upper Santa Ana River HCP Covered Species: Model Results Near Prado Basin



Legend

Map #19

- Upper SAR HCP Plan Area
- PradoFloodControlBasin

Upper SAR HCP Western Pond Turtle Species Model

- Aquatic Habitat
- Potentially Suitable Upland Habitat

N

0 0.5 1 2 Miles

National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp.

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Carlsbad Fish And Wildlife Office
2177 Salk Avenue - Suite 250
Carlsbad, CA 92008-7385
Phone: (760) 431-9440 Fax: (760) 431-5901
http://www.fws.gov/carlsbad/

In Reply Refer To: December 11, 2019
Consultation Code: 08ECAR00-2020-SLI-0309
Event Code: 08ECAR00-2020-E-00726
Project Name: Confluence Regional Water Resource Project

Subject: Updated list of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, and proposed species, designated critical habitat, and candidate species that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (http://www.fws.gov/windenergy/) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm; http://www.towerkill.com; and http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Carlsbad Fish And Wildlife Office
2177 Salk Avenue - Suite 250
Carlsbad, CA 92008-7385
(760) 431-9440

Project Summary

Consultation Code: 08ECAR00-2020-SLI-0309

Event Code: 08ECAR00-2020-E-00726

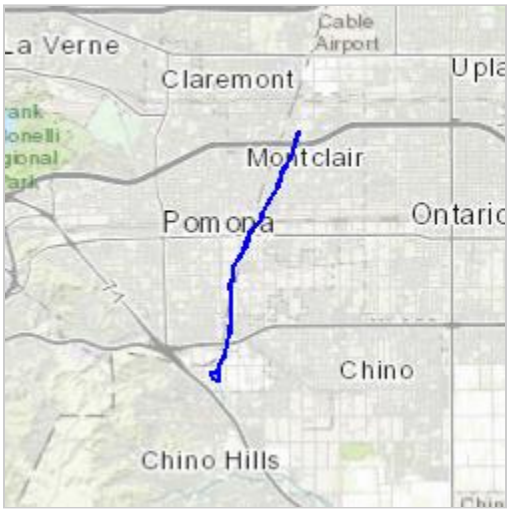
Project Name: Confluence Regional Water Resource Project

Project Type: WATER SUPPLY / DELIVERY

Project Description: Recharge reservoir and 5.5-mile pipeline

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/place/34.050001976619214N117.72356850749273W



Counties: Los Angeles, CA | San Bernardino, CA

Endangered Species Act Species

There is a total of 4 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
San Bernardino Merriam's Kangaroo Rat *Dipodomys merriami parvus* There is **final** critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2060	Endangered

Birds

NAME	STATUS
Coastal California Gnatcatcher *Polioptila californica californica* There is **final** critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8178	Threatened
Least Bell's Vireo *Vireo bellii pusillus* There is **final** critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5945	Endangered

Insects

NAME	STATUS
Delhi Sands Flower-loving Fly *Rhaphiomidas terminatus abdominalis* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1540	Endangered

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

IPaC **U.S. Fish & Wildlife Service**

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

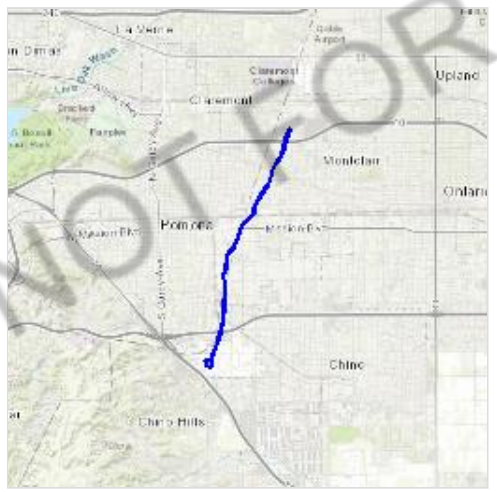
Project information

NAME

Confluence Regional Water Resource Project

LOCATION

Los Angeles and San Bernardino counties, California



DESCRIPTION

Recharge reservoir and 5.5-mile pipeline

Local office

Carlsbad Fish And Wildlife Office

(760) 431-9440
(760) 431-5901

2177 Salk Avenue - Suite 250
Carlsbad, CA 92008-7385

http://www.fws.gov/carlsbad/

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population, even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Log in to IPaC.
2. Go to your My Projects list.
3. Click PROJECT HOME for this project.
4. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information.
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Mammals

NAME	STATUS

NAME	STATUS
San Bernardino Merriam's Kangaroo Rat Dipodomys merriami parvus There is **final** critical habitat for this species. Your location is outside the critical habitat. https://ecos.fws.gov/ecp/species/2060	Endangered

Birds

NAME	STATUS
Coastal California Gnatcatcher Polioptila californica californica There is **final** critical habitat for this species. Your location is outside the critical habitat. https://ecos.fws.gov/ecp/species/8178	Threatened
Least Bell's Vireo Vireo bellii pusillus There is **final** critical habitat for this species. Your location is outside the critical habitat. https://ecos.fws.gov/ecp/species/5945	Endangered

Insects

NAME	STATUS
Delhi Sands Flower-loving Fly Rhaphiomidas terminatus abdominalis No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1540	Endangered

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The Migratory Birds Treaty Act of 1918.

2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php
- Measures for avoiding and minimizing impacts to birds http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Nationwide conservation measures for birds http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.)
Allen's Hummingbird Selasphorus sasin This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9637	Breeds Feb 1 to Jul 15

Bald Eagle Haliaeetus leucocephalus — Breeds Jan 1 to Aug 31
This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.
https://ecos.fws.gov/ecp/species/1626

Black Swift Cypseloides niger — Breeds Jun 15 to Sep 10
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/8878

Black-chinned Sparrow Spizella atrogularis — Breeds Apr 15 to Jul 31
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9447

Burrowing Owl Athene cunicularia — Breeds Mar 15 to Aug 31
This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA
https://ecos.fws.gov/ecp/species/9737

California Thrasher Toxostoma redivivum — Breeds Jan 1 to Jul 31
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Common Yellowthroat Geothlypis trichas sinuosa — Breeds May 20 to Jul 31
This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA
https://ecos.fws.gov/ecp/species/2084

Costa's Hummingbird Calypte costae — Breeds Jan 15 to Jun 10
This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA
https://ecos.fws.gov/ecp/species/9470

Golden Eagle Aquila chrysaetos — Breeds Jan 1 to Aug 31
This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.
https://ecos.fws.gov/ecp/species/1680

Lawrence's Goldfinch Carduelis lawrencei — Breeds Mar 20 to Sep 20
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9464

Lewis's Woodpecker Melanerpes lewis — Breeds Apr 20 to Sep 30
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9408

Nuttall's Woodpecker Picoides nuttallii — Breeds Apr 1 to Jul 20
This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA
https://ecos.fws.gov/ecp/species/9410

Oak Titmouse Baeolophus inornatus — Breeds Mar 15 to Jul 15
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9656

Rufous Hummingbird selasphorus rufus — Breeds elsewhere
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/8002

Song Sparrow Melospiza melodia — Breeds Feb 20 to Sep 5
This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Spotted Towhee Pipilo maculatus clementae — Breeds Apr 15 to Jul 20
This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA
https://ecos.fws.gov/ecp/species/4243

Wrentit Chamaea fasciata — Breeds Mar 15 to Aug 10
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ “Proper Interpretation and Use of Your Migratory Bird Report” before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

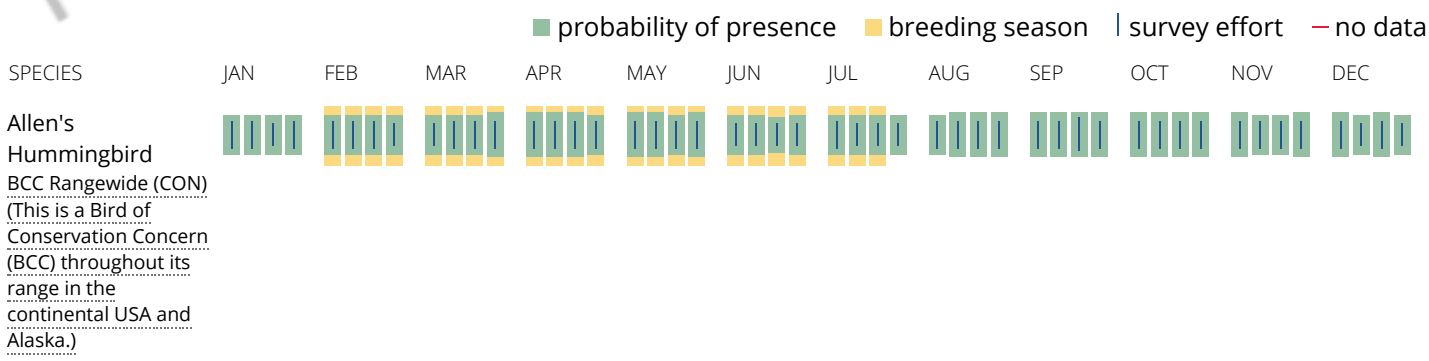
Breeding Season (▪)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

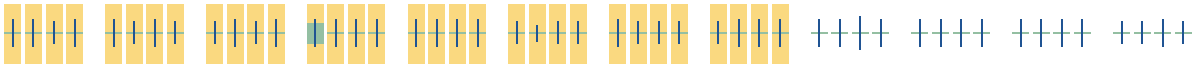
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

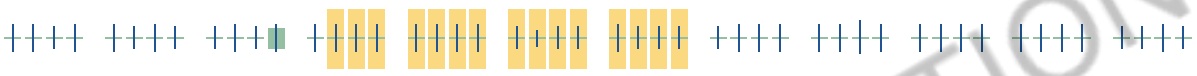


Bald Eagle
Non-BCC Vulnerable (This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.)

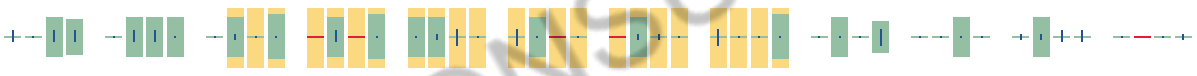


Black Swift
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

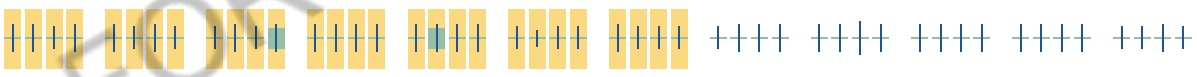
Black-chinned Sparrow
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)



Burrowing Owl
BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)



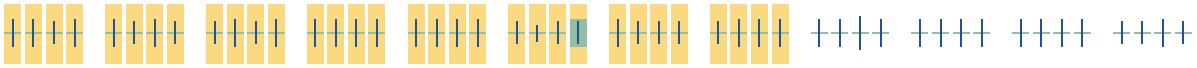
California Thrasher
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)



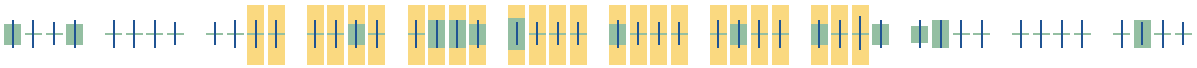
Common Yellowthroat
BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)

Costa's Hummingbird
BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)

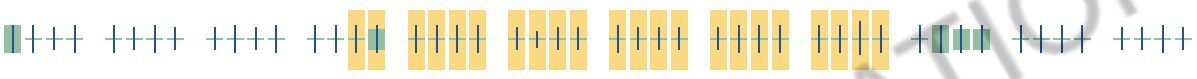
Golden Eagle
Non-BCC Vulnerable (This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.)



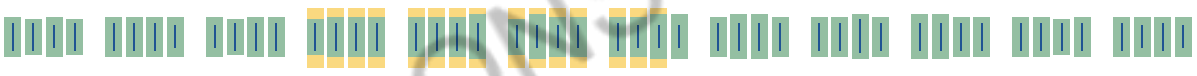
Lawrence's Goldfinch
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)



Lewis's Woodpecker
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)



Nuttall's Woodpecker
BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)



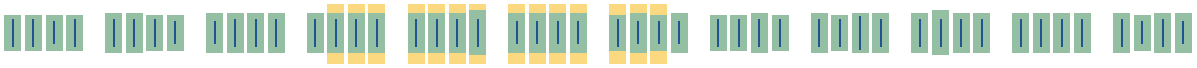
SPECIES JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Oak Titmouse
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Rufous Hummingbird
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Song Sparrow
BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)

Spotted Towhee
BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)



Wrentit
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures and/or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the AKN Phenology Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets .

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: The Cornell Lab of Ornithology All About Birds Bird Guide, or (if you are unsuccessful in locating the bird of interest there), the Cornell Lab of Ornithology Neotropical Birds guide. If a bird

on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ “What does IPaC use to generate the migratory birds potentially occurring in my specified location”. Please be aware this report provides the “probability of presence” of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the “no data” indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ “Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds” at the bottom of your migratory bird trust resources page.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

This location overlaps the following wetlands:

FRESHWATER POND

PUSAx

RIVERINE

R4SBCx

R4SBAx

A full description for each wetland code can be found at the National Wetlands Inventory website

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

CALIFORNIA DEPARTMENT OF FISH and WILDLIFE RareFind

Query Summary:
Quad IS (Ontario (3411716) OR San Dimas (3411717))

Print Close

CNDDB Element Query Results

Scientific Name	Common Name	Taxonomic Group	Element Code	Total Occs	Returned Occs	Federal Status	State Status	Global Rank	State Rank	CA Rare Plant Rank	Other Status	Habitats
Aimophila ruficeps canescens	southern California rufous-crowned sparrow	Birds	ABPBX91091	233	1	None	None	G5T3	S3	null	CDFW_WL-Watch List	Chaparral, Coastal scrub
Anniella stebbinsi	southern California legless lizard	Reptiles	ARACC01060	417	6	None	None	G3	S3	null	CDFW_SSC-Species of Special Concern, USFS_S-Sensitive	Broadleaved upland forest, Chaparral, Coastal dunes, Coastal scrub
Antrozous pallidus	pallid bat	Mammals	AMACC10010	420	2	None	None	G5	S3	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive, WBWG_H-High Priority	Chaparral, Coastal scrub, Desert wash, Great Basin grassland, Great Basin scrub, Mojavean desert scrub, Riparian woodland, Sonoran desert scrub, Upper montane coniferous forest, Valley & foothill grassland
Arizona elegans occidentalis	California glossy snake	Reptiles	ARADB01017	260	3	None	None	G5T2	S2	null	CDFW_SSC-Species of Special Concern	null
Aspidoscelis tigris stejnegeri	coastal whiptail	Reptiles	ARACJ02143	148	1	None	None	G5T5	S3	null	CDFW_SSC-Species of Special Concern	null
Athene cunicularia	burrowing owl	Birds	ABNSB10010	1989	5	None	None	G4	S3	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern	Coastal prairie, Coastal scrub, Great Basin grassland, Great Basin scrub, Mojavean desert scrub, Sonoran desert scrub, Valley & foothill grassland
Berberis nevinii	Nevin's barberry	Dicots	PDBER060A0	32	1	Endangered	Endangered	G1	S1	1B.1	SB_RSABG-Rancho Santa Ana Botanic Garden, SB_SBBG-Santa Barbara Botanic Garden	Chaparral, Cismontane woodland, Coastal scrub, Riparian scrub

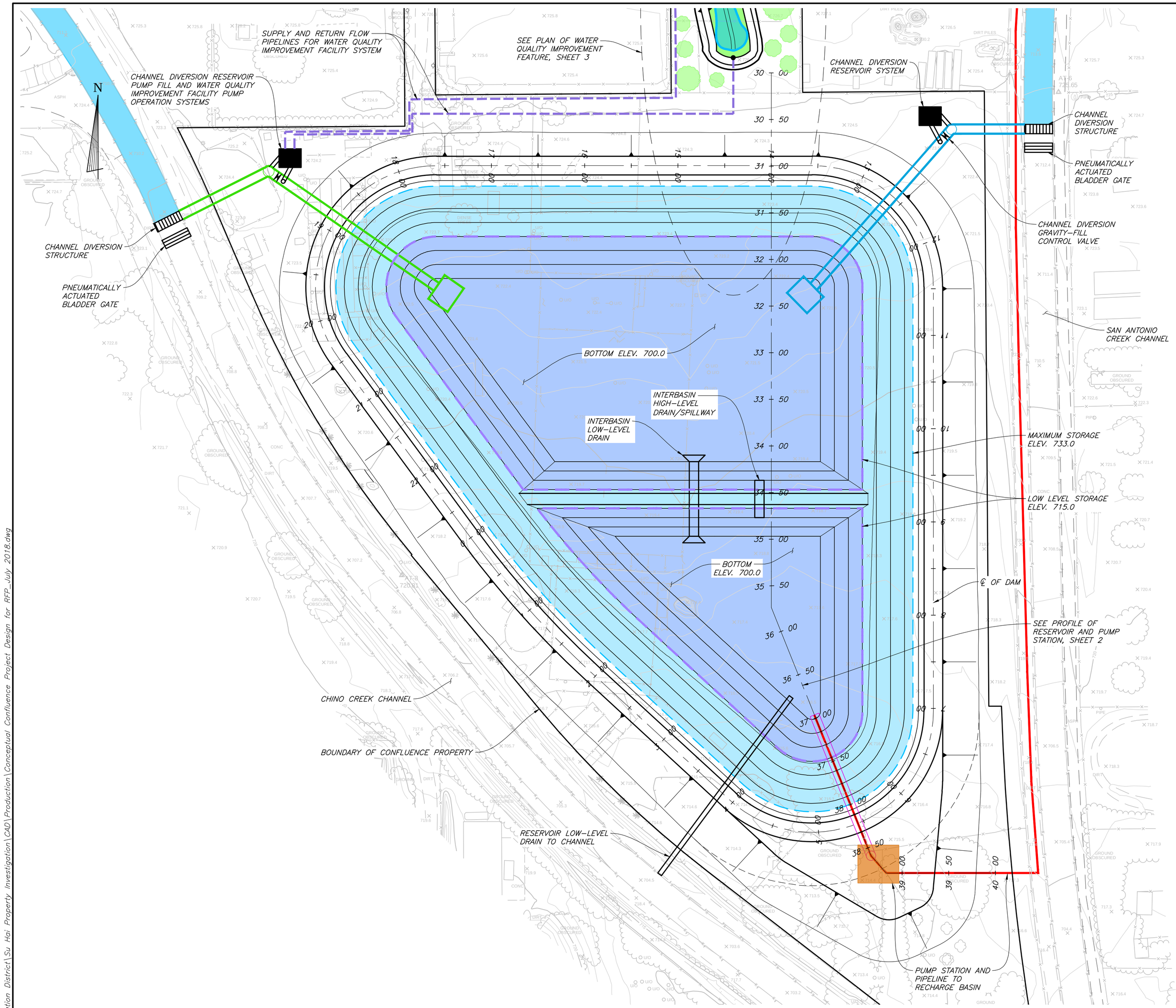
Bombus crotchii	Crotch bumble bee	Insects	IIHYM24480	234	4	None	Candidate Endangered	G3G4	S1S2	null	null	null
Buteo swainsoni	Swainson's hawk	Birds	ABNKC19070	2518	1	None	Threatened	G5	S3	null	BLM_S-Sensitive, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern	Great Basin grassland, Riparian forest, Riparian woodland, Valley & foothill grassland
California Walnut Woodland	California Walnut Woodland	Woodland	CTT71210CA	76	4	None	None	G2	S2.1	null	null	Cismontane woodland
Calochortus plummerae	Plummer's mariposa-lily	Monocots	PMLIL0D150	230	3	None	None	G4	S4	4.2	SB_RSABG-Rancho Santa Ana Botanic Garden	Chaparral, Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Valley & foothill grassland
Calochortus weedii var. intermedius	intermediate mariposa-lily	Monocots	PMLIL0D1J1	140	2	None	None	G3G4T2	S2	1B.2	SB_RSABG-Rancho Santa Ana Botanic Garden, USFS_S-Sensitive	Chaparral, Coastal scrub, Valley & foothill grassland
Calystegia felix	lucky morning-glory	Dicots	PDCON040P0	10	1	None	None	G1Q	S1	1B.1	null	Meadow & seep, Riparian scrub
Chaetodipus fallax fallax	northwestern San Diego pocket mouse	Mammals	AMAFD05031	101	2	None	None	G5T3T4	S3S4	null	CDFW_SSC-Species of Special Concern	Chaparral, Coastal scrub
Cladium californicum	California saw-grass	Monocots	PMCYP04010	13	1	None	None	G4	S2	2B.2	SB_RSABG-Rancho Santa Ana Botanic Garden, USFS_S-Sensitive	Alkali marsh, Freshwater marsh, Meadow & seep, Wetland
Crotalus ruber	red-diamond rattlesnake	Reptiles	ARADE02090	192	1	None	None	G4	S3	null	CDFW_SSC-Species of Special Concern, USFS_S-Sensitive	Chaparral, Mojavean desert scrub, Sonoran desert scrub
Diplectrona californica	California diplectronan caddisfly	Insects	IITRI23010	1	1	None	None	G1G2	S1S2	null	null	Aquatic
Dipodomys merriami parvus	San Bernardino kangaroo rat	Mammals	AMAFD03143	81	1	Endangered	Candidate Endangered	G5T1	S1	null	CDFW_SSC-Species of Special Concern	Coastal scrub
Dodecahema leptoceras	slender-horned spineflower	Dicots	PDPGN0V010	41	1	Endangered	Endangered	G1	S1	1B.1	SB_RSABG-Rancho Santa Ana Botanic Garden	Chaparral, Cismontane woodland, Coastal scrub
Dudleya multicaulis	many-stemmed dudleya	Dicots	PDCRA040H0	154	9	None	None	G2	S2	1B.2	BLM_S-Sensitive, SB_RSABG-Rancho Santa Ana Botanic Garden, USFS_S-Sensitive	Chaparral, Coastal scrub, Valley & foothill grassland
Eumops perotis californicus	western mastiff bat	Mammals	AMACD02011	296	3	None	None	G5T4	S3S4	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, WBWG_H-High Priority	Chaparral, Cismontane woodland, Coastal scrub, Valley & foothill grassland
Falco columbarius	merlin	Birds	ABNKD06030	37	1	None	None	G5	S3S4	null	CDFW_WL-Watch List, IUCN_LC-Least Concern	Estuary, Great Basin grassland, Valley &

												foothill grassland
Gila orcuttii	arroyo chub	Fish	AFCJB13120	49	1	None	None	G2	S2	null	AFS_VU-Vulnerable, CDFW_SSC-Species of Special Concern, USFS_S-Sensitive	Aquatic, South coast flowing waters
Horkelia cuneata var. puberula	mesa horkelia	Dicots	PDROS0W045	103	5	None	None	G4T1	S1	1B.1	USFS_S-Sensitive	Chaparral, Cismontane woodland, Coastal scrub
Lasiurus xanthinus	western yellow bat	Mammals	AMACC05070	58	1	None	None	G5	S3	null	CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, WBWG_H-High Priority	Desert wash
Laterallus jamaicensis coturniculus	California black rail	Birds	ABNME03041	303	1	None	Threatened	G3G4T1	S1	null	BLM_S-Sensitive, CDFW_FP-Fully Protected, IUCN_NT-Near Threatened, NABCI_RWL-Red Watch List, USFWS_BCC-Birds of Conservation Concern	Brackish marsh, Freshwater marsh, Marsh & swamp, Salt marsh, Wetland
Lepidium virginicum var. robinsonii	Robinson's pepper-grass	Dicots	PDBRA1M114	142	4	None	None	G5T3	S3	4.3	null	Chaparral, Coastal scrub
Muhlenbergia californica	California muhly	Monocots	PMPOA480A0	5	1	None	None	G4	S4	4.3	null	Chaparral, Coastal scrub, Lower montane coniferous forest, Meadow & seep
Muhlenbergia utilis	aparejo grass	Monocots	PMPOA481X0	14	1	None	None	G4	S2S3	2B.2	null	Chaparral, Cismontane woodland, Coastal scrub, Marsh & swamp, Meadow & seep, Ultramafic
Navarretia prostrata	prostrate vernal pool navarretia	Dicots	PDPLM0C0Q0	60	1	None	None	G2	S2	1B.2	null	Coastal scrub, Meadow & seep, Valley & foothill grassland, Vernal pool, Wetland
Neotoma lepida intermedia	San Diego desert woodrat	Mammals	AMAFF08041	132	2	None	None	G5T3T4	S3S4	null	CDFW_SSC-Species of Special Concern	Coastal scrub
Nyctinomops femorosaccus	pocketed free-tailed bat	Mammals	AMACD04010	90	1	None	None	G4	S3	null	CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, WBWG_M-Medium Priority	Joshua tree woodland, Pinon & juniper woodlands, Riparian scrub, Sonoran desert scrub
Nyctinomops macrotis	big free-tailed bat	Mammals	AMACD04020	32	1	None	None	G5	S3	null	CDFW_SSC-Species of Special	null

											Concern, IUCN_LC-Least Concern, WBWG_MH-Medium-High Priority	
Phrynosoma blainvillii	coast horned lizard	Reptiles	ARACF12100	781	1	None	None	G3G4	S3S4	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern	Chaparral, Cismontane woodland, Coastal bluff scrub, Coastal scrub, Desert wash, Pinon & juniper woodlands, Riparian scrub, Riparian woodland, Valley & foothill grassland
Polioptila californica californica	coastal California gnatcatcher	Birds	ABPBJ08081	846	11	Threatened	None	G4G5T2Q	S2	null	CDFW_SSC-Species of Special Concern, NABCI_YWL-Yellow Watch List	Coastal bluff scrub, Coastal scrub
Pseudognaphalium leucocephalum	white rabbit-tobacco	Dicots	PDAST440C0	62	1	None	None	G4	S2	2B.2	null	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland
Riversidian Alluvial Fan Sage Scrub	Riversidian Alluvial Fan Sage Scrub	Scrub	CTT32720CA	30	2	None	None	G1	S1.1	null	null	Coastal scrub
Senecio aphanactis	chaparral ragwort	Dicots	PDAST8H060	98	1	None	None	G3	S2	2B.2	SB_RSABG-Rancho Santa Ana Botanic Garden	Chaparral, Cismontane woodland, Coastal scrub
Setophaga petechia	yellow warbler	Birds	ABPBX03010	77	1	None	None	G5	S3S4	null	CDFW_SSC-Species of Special Concern, USFWS_BCC-Birds of Conservation Concern	Riparian forest, Riparian scrub, Riparian woodland
Sidalcea neomexicana	salt spring checkerbloom	Dicots	PDMAL110J0	30	2	None	None	G4	S2	2B.2	USFS_S-Sensitive	Alkali playa, Chaparral, Coastal scrub, Lower montane coniferous forest, Mojavean desert scrub, Wetland
Spea hammondii	western spadefoot	Amphibians	AAABF02020	1156	1	None	None	G3	S3	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_NT-Near Threatened	Cismontane woodland, Coastal scrub, Valley & foothill grassland, Vernal pool, Wetland
Symphyotrichum defoliatum	San Bernardino aster	Dicots	PDASTE80C0	102	4	None	None	G2	S2	1B.2	BLM_S-Sensitive, USFS_S-Sensitive	Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Marsh & swamp, Meadow &

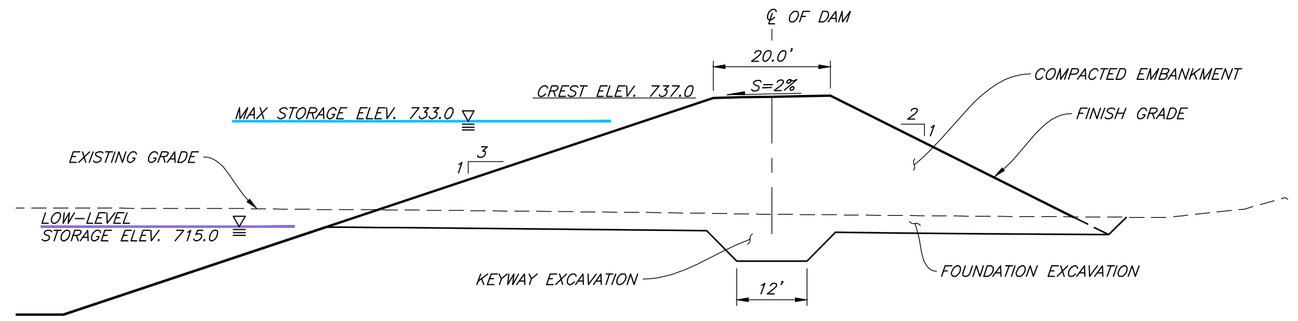
												seep, Valley & foothill grassland
Taxidea taxus	American badger	Mammals	AMAJF04010	591	2	None	None	G5	S3	null	CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern	Alkali marsh, Alkali playa, Alpine, Alpine dwarf scrub, Bog & fen, Brackish marsh, Broadleaved upland forest, Chaparral, Chenopod scrub, Cismontane woodland, Closed-cone coniferous forest, Coastal bluff scrub, Coastal dunes, Coastal prairie, Coastal scrub, Desert dunes, Desert wash, Freshwater marsh, Great Basin grassland, Great Basin scrub, Interior dunes, Ione formation, Joshua tree woodland, Limestone, Lower montane coniferous forest, Marsh & swamp, Meadow & seep, Mojavean desert scrub, Montane dwarf scrub, North coast coniferous forest, Oldgrowth, Pavement plain, Redwood, Riparian forest, Riparian scrub, Riparian woodland, Salt marsh, Sonoran desert scrub, Sonoran thorn woodland, Ultramafic, Upper montane coniferous forest, Upper Sonoran scrub, Valley & foothill grassland

Thamnophis hammondii	two-striped gartersnake	Reptiles	ARADB36160	184	1	None	None	G4	S3S4	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive	Marsh & swamp, Riparian scrub, Riparian woodland, Wetland
Thysanocarpus rigidus	rigid fringepod	Dicots	PDBRA2Q070	5	1	None	None	G1G2	S1	1B.2	BLM_S-Sensitive, USFS_S-Sensitive	Pinon & juniper woodlands
Vireo bellii pusillus	least Bell's vireo	Birds	ABPBW01114	502	2	Endangered	Endangered	G5T2	S2	null	IUCN_NT-Near Threatened, NABCI_YWL-Yellow Watch List	Riparian forest, Riparian scrub, Riparian woodland
Walnut Forest	Walnut Forest	Forest	CTT81600CA	6	3	None	None	G1	S1.1	null	null	Broadleaved upland forest



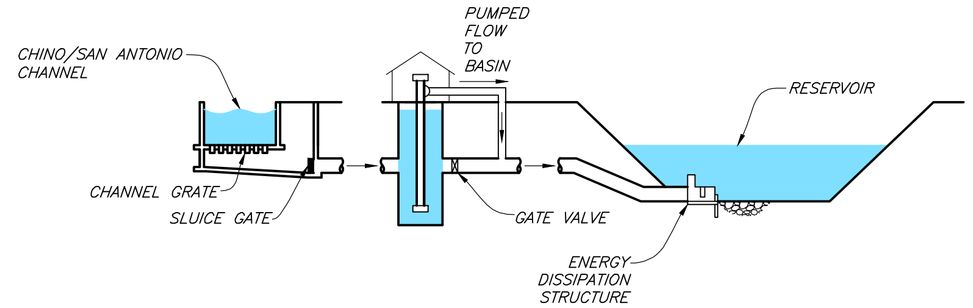
PLAN OF RESERVOIR

0' 30' 60' 120'

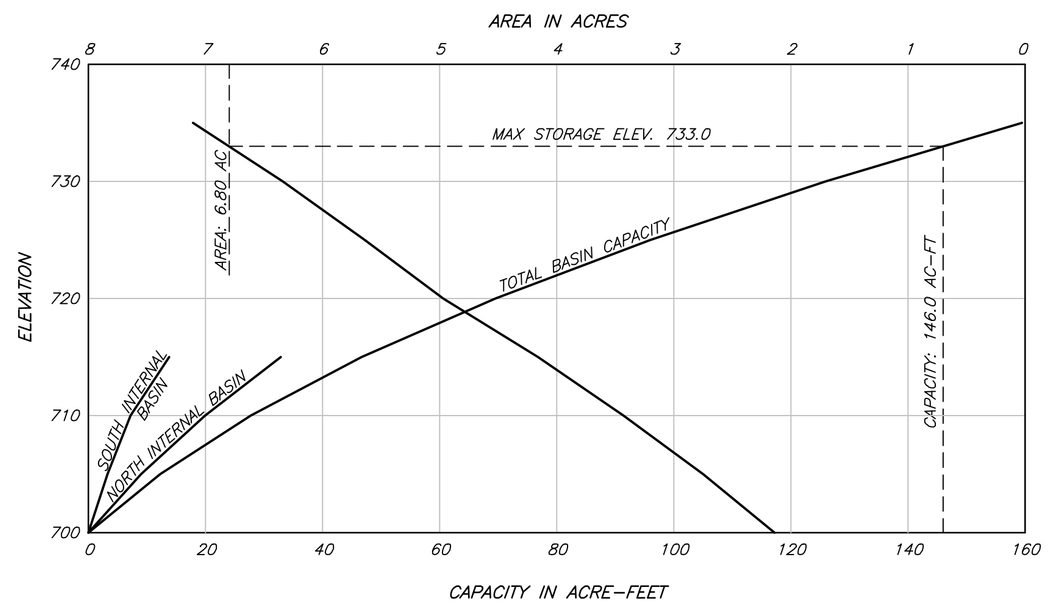


TYPICAL RESERVOIR EMBANKMENT SECTION

0' 10' 20' 40'



CONCEPTUAL CHANNEL DIVERSION SECTION



AREA/CAPACITY CURVES

NOTES
1. BASE TOPOGRAPHY PER ARROWHEAD MAPPING CORPORATION FLOWN JANUARY 4, 2018.
2. AERIAL PHOTOGRAPHY FLOWN 2015, AND WAS ACQUIRED FROM MOJAVE WATER AGENCY.

REVISIONS			
REF.	DESCRIPTION	APVD.	DATE

PRELIMINARY
NOT FOR CONSTRUCTION

Designed By	D.P. LOUNSBURY
Drawn By	M. BERBER
Checked By	–
Approved By	–
Date	JULY 2018

Wagner & Bonsignore
Consulting Civil Engineers, A Corporation
2151 River Plaza Drive
Suite 100
Sacramento, California 95833
Ph: 916-441-6850
Fx: 916-779-3120

REGISTERED PROFESSIONAL ENGINEER
DAVID P. LOUNSBURY
No. 57729
06/30/19
CIVIL
STATE OF CALIFORNIA
DRAFT

CHINO BASIN WATER CONSERVATION DISTRICT

REGIONAL WATER RESOURCE PROJECT

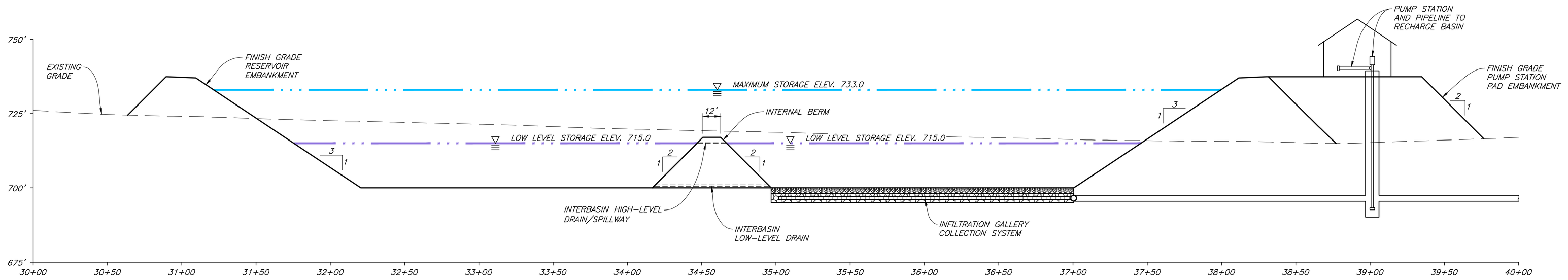
PLAN OF RESERVOIR, TYPICAL & CONCEPTUAL SECTIONS, AND AREA-CAPACITY CURVES

SHEET 1 OF 3 SHEETS

Plot Date 7/25/2018

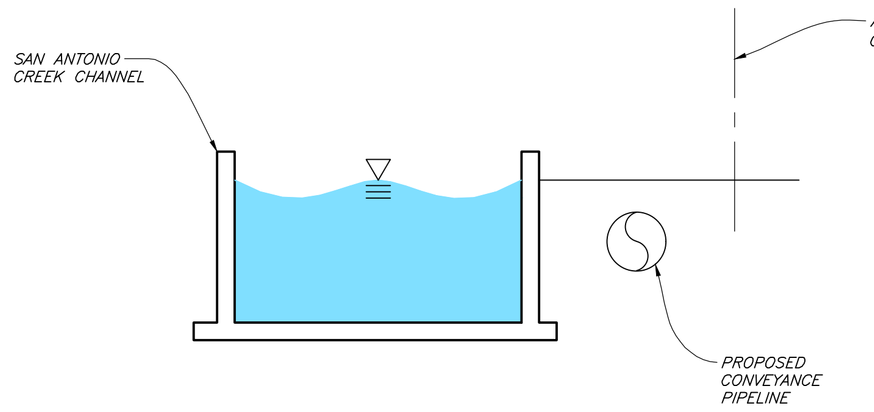
O:\Drawings\Chino Basin Water Conservation District\Su Hoi Property Investigation\CAD\Production\Conceptual Confluence Project Design for RFP_July 2018.dwg

ATTACHMENT 5.5



PROFILE OF RESERVOIR AND PUMP STATION

0' 20' 40' 80'



TYPICAL SECTION FOR CONVEYANCE PIPE TO RECHARGE BASINS

NOT TO SCALE

NOTES:
1. BASE TOPOGRAPHY PER ARROWHEAD MAPPING CORPORATION FLOWN JANUARY 4, 2018.
2. AERIAL PHOTOGRAPHY FLOWN 2015, AND WAS ACQUIRED FROM MOJAVE WATER AGENCY.

REVISIONS			
REF.	DESCRIPTION	APVD.	DATE

PRELIMINARY
NOT FOR CONSTRUCTION

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Drawn By: M. BERBER
Checked By: _
Approved By: _
Date: JULY 2018

Wagner & Bonsignore
Consulting Civil Engineers, A Corporation
2151 River Plaza Drive
Suite 100
Sacramento, California 95833
Ph: 916-441-6850
Fx: 916-779-3120

REGISTERED PROFESSIONAL ENGINEER
DAVID P. LOUNSBURY
No. 44729
Exp. 06/30/19
CIVIL
STATE OF CALIFORNIA
DRAFT

CHINO BASIN WATER CONSERVATION DISTRICT

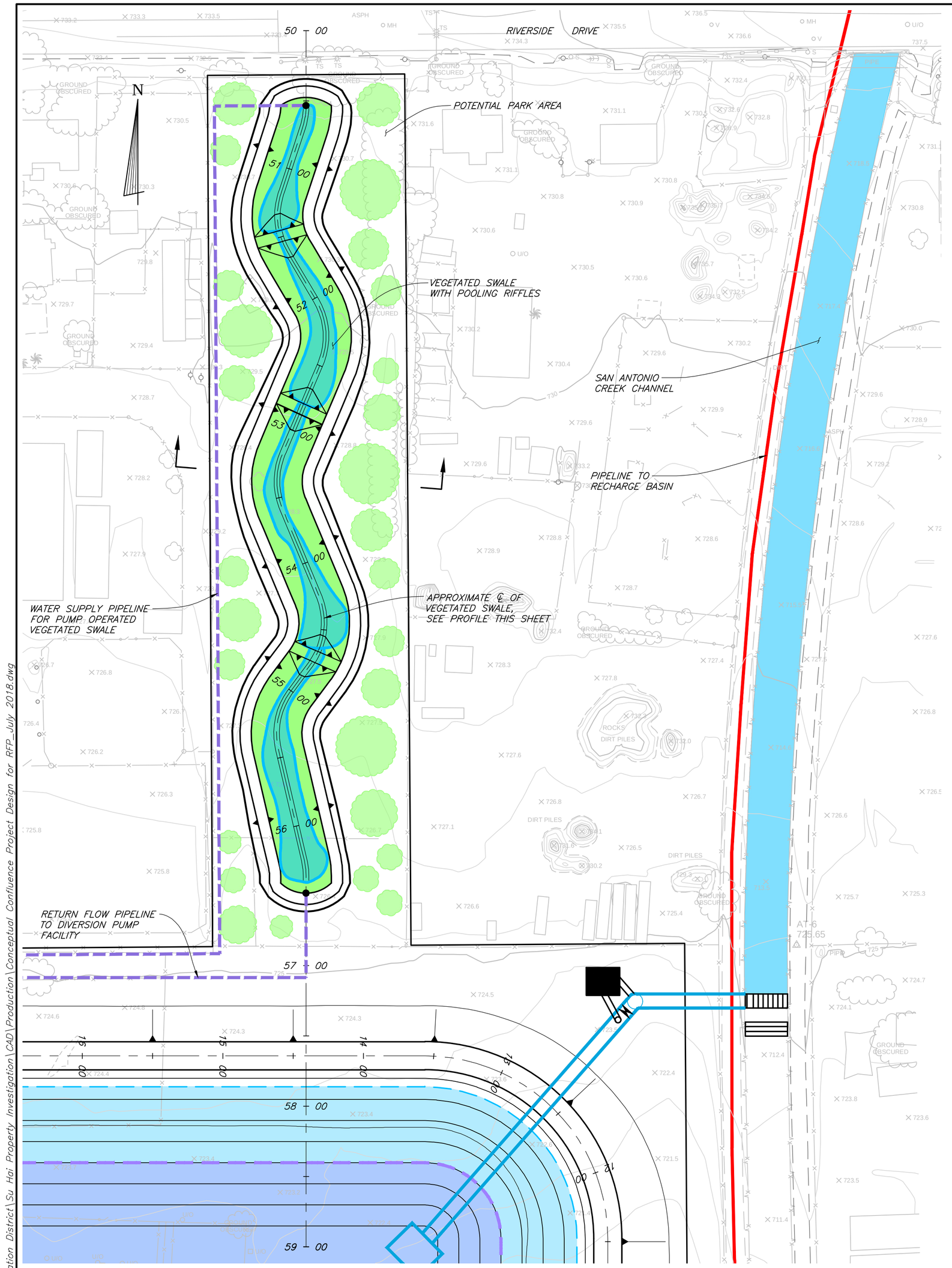
REGIONAL WATER RESOURCE PROJECT

PROFILE OF RESERVOIR AND TYPICAL SECTION OF CONVEYANCE PIPE

SHEET 2 OF 3 SHEETS

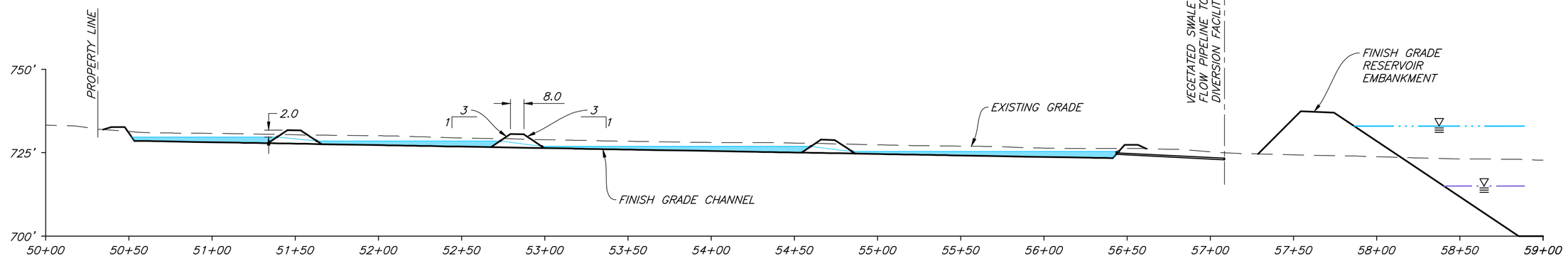
Plot Date: 7/25/2018

G:\Drawings\Chino Basin Water Conservation District\Su Hoi Property Investigation\CAD\Production\Conceptual Confluence Project Design for RFP_July 2018.dwg



PLAN OF WATER QUALITY IMPROVEMENT FEATURE

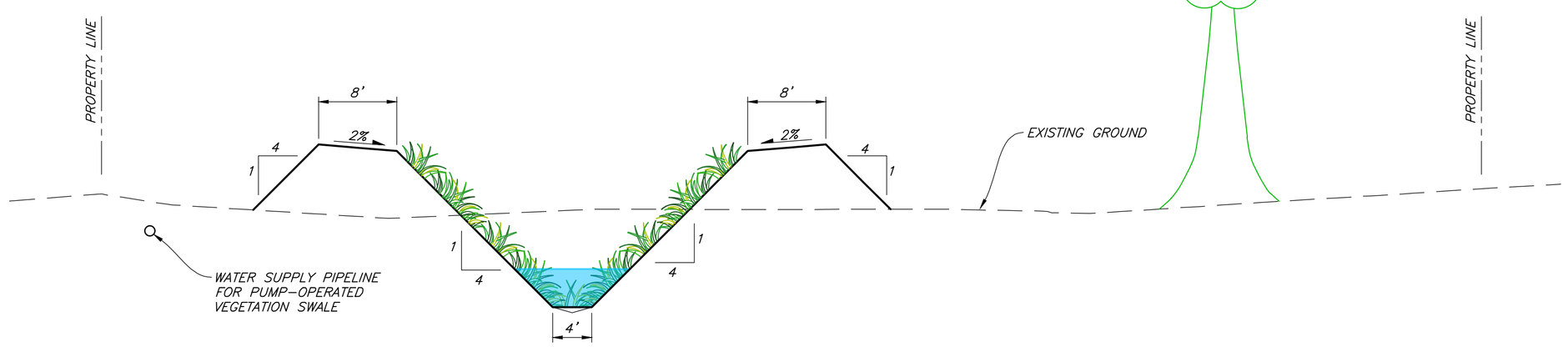
0' 25' 50' 100'



PROFILE OF VEGETATED SWALE

HORIZONTAL SCALE: 0' 25' 50' 100'

VERTICAL SCALE: 0' 25' 50'



TYPICAL SECTION OF VEGETATED SWALE

HORIZONTAL SCALE: 0' 5' 10' 20'

VERTICAL SCALE: 0' 2.5' 5'

NOTES
1. BASE TOPOGRAPHY PER ARROWHEAD MAPPING CORPORATION FLOWN JANUARY 4, 2018.
2. AERIAL PHOTOGRAPHY FLOWN 2015, AND WAS ACQUIRED FROM MOJAVE WATER AGENCY.

REVISIONS			
REF.	DESCRIPTION	APVD.	DATE

PRELIMINARY
NOT FOR CONSTRUCTION

Designed By	D.P. LOUNSBURY
Drawn By	M. BERBER
Checked By	_
Approved By	_
Date	JULY 2018

Wagner & Bonsignore
Consulting Civil Engineers, A Corporation
2151 River Plaza Drive
Suite 100
Sacramento, California 95833
Ph: 916-441-6850
Fx: 916-779-3120

REGISTERED PROFESSIONAL ENGINEER
DAVID P. LOUNSBURY
No. 57729
Exp. 06/30/19
CIVIL
STATE OF CALIFORNIA
DRAFT

CHINO BASIN WATER CONSERVATION DISTRICT

REGIONAL WATER RESOURCE PROJECT

PLAN OF WATER QUALITY IMPROVEMENT, PROFILE AND TYPICAL SECTION OF VEGETATED SWALE

SHEET 3 OF 3 SHEETS

Plot Date 7/25/2018

Q:\Drawings\Chino Basin Water Conservation District\Su Hoi Property Investigation\CAD\Production\Conceptual Confluence Project Design for RFP_July 2018.dwg

FISH AND WILDLIFE COORDINATION ACT
(16 USC 661-666c)

U.S.C. TITLE 16 - CONSERVATION
CHAPTER 5A - PROTECTION AND CONSERVATION OF WILDLIFE
SUBCHAPTER I - GAME, FUR-BEARING ANIMALS, AND FISH

§ 661. Declaration of purpose; cooperation of agencies; surveys and investigations; donations

For the purpose of recognizing the vital contribution of our wildlife resources to the Nation, the increasing public interest and significance thereof due to expansion of our national economy and other factors, and to provide that wildlife conservation shall receive equal consideration and be coordinated with other features of water-resource development programs through the effectual and harmonious planning, development, maintenance, and coordination of wildlife conservation and rehabilitation for the purposes of sections 661 to 666c of this title in the United States, its Territories and possessions, the Secretary of the Interior is authorized (1) to provide assistance to, and cooperate with, Federal, State, and public or private agencies and organizations in the development, protection, rearing, and stocking of all species of wildlife, resources thereof, and their habitat, in controlling losses of the same from disease or other causes, in minimizing damages from overabundant species, in providing public shooting and fishing areas, including easements across public lands for access thereto, and in carrying out other measures necessary to effectuate the purposes of said sections; (2) to make surveys and investigations of the wildlife of the public domain, including lands and waters or interests therein acquired or controlled by any agency of the United States; and (3) to accept donations of land and contributions of funds in furtherance of the purposes of said sections.

§ 662. Impounding, diverting, or controlling of waters

(a) Consultations between agencies

Except as hereafter stated in subsection (h) of this section, whenever the waters of any stream or other body of water are proposed or authorized to be impounded, diverted, the channel deepened, or the stream or other body of water otherwise controlled or modified for any purpose whatever, including navigation and drainage, by any department or agency of the United States, or by any public or private agency under Federal permit or license, such department or agency first shall consult with the United States Fish and Wildlife Service, Department of the Interior, and with the head of the agency exercising administration over the wildlife resources of the particular State wherein the impoundment, diversion, or other control facility is to be constructed, with a view to the conservation of wildlife resources by preventing

loss of and damage to such resources as well as providing for the development and improvement thereof in connection with such water-resource development.

(b) Reports and recommendations; consideration

In furtherance of such purposes, the reports and recommendations of the Secretary of the Interior on the wildlife aspects of such projects, and any report of the head of the State agency exercising administration over the wildlife resources of the State, based on surveys and investigations conducted by the United States Fish and Wildlife Service and such State agency for the purpose of determining the possible damage to wildlife resources and for the purpose of determining means and measures that should be adopted to prevent the loss of or damage to such wildlife resources, as well as to provide concurrently for the development and improvement of such resources, shall be made an integral part of any report prepared or submitted by any agency of the Federal Government responsible for engineering surveys and construction of such projects when such reports are presented to the Congress or to any agency or person having the authority or the power, by administrative action or otherwise, (1) to authorize the construction of water-resource development projects or (2) to approve a report on the modification or supplementation of plans for previously authorized projects, to which sections 661 to 666c of this title apply. Recommendations of the Secretary of the Interior shall be as specific as is practicable with respect to features recommended for wildlife conservation and development, lands to be utilized or acquired for such purposes, the results expected, and shall describe the damage to wildlife attributable to the project and the measures proposed for mitigating or compensating for these damages. The reporting officers in project reports of the Federal agencies shall give full consideration to the report and recommendations of the Secretary of the Interior and to any report of the State agency on the wildlife aspects of such projects, and the project plan shall include such justifiable means and measures for wildlife purposes as the reporting agency finds should be adopted to obtain maximum overall project benefits.

(c) Modification of projects; acquisition of lands

Federal agencies authorized to construct or operate water-control projects are authorized to modify or add to the structures and operations of such projects, the construction of which has not been substantially completed on the date of enactment of the Fish and Wildlife Coordination Act, and to acquire lands in accordance with section 663 of this title, in order to accommodate the means and measures for such conservation of wildlife resources as an integral part of such projects: Provided, That for projects authorized by a specific Act of Congress before the date of enactment of the Fish and Wildlife Coordination Act (1) such modification or land acquisition shall be compatible with the purposes for which the project was authorized; (2) the cost of such modifications or land acquisition, as means and measures to prevent loss of and damage to wildlife resources to the extent justifiable, shall be an integral part of the cost of such projects; and (3) the cost of such modifications or land acquisition

for the development or improvement of wildlife resources may be included to the extent justifiable, and an appropriate share of the cost of any project may be allocated for this purpose with a finding as to the part of such allocated cost, if any, to be reimbursed by non-Federal interests.

(d) Project costs

The cost of planning for and the construction or installation and maintenance of such means and measures adopted to carry out the conservation purposes of this section shall constitute an integral part of the cost of such projects: Provided, That such cost attributable to the development and improvement of wildlife shall not extend beyond that necessary for (1) land acquisition, (2) facilities as specifically recommended in water resource project reports, (3) modification of the project, and (4) modification of project operations, but shall not include the operation of wildlife facilities.

(e) Transfer of funds

In the case of construction by a Federal agency, that agency is authorized to transfer to the United States Fish and Wildlife Service, out of appropriations or other funds made available for investigations, engineering, or construction, such funds as may be necessary to conduct all or part of the investigations required to carry out the purposes of this section.

(f) Estimation of wildlife benefits or losses

In addition to other requirements, there shall be included in any report submitted to Congress supporting a recommendation for authorization of any new project for the control or use of water as described herein (including any new division of such project or new supplemental works on such project) an estimation of the wildlife benefits or losses to be derived therefrom including benefits to be derived from measures recommended specifically for the development and improvement of wildlife resources, the cost of providing wildlife benefits (including the cost of additional facilities to be installed or lands to be acquired specifically for that particular phase of wildlife conservation relating to the development and improvement of wildlife), the part of the cost of joint-use facilities allocated to wildlife, and the part of such costs, if any, to be reimbursed by non-Federal interests.

(g) Applicability to projects

The provisions of this section shall be applicable with respect to any project for the control or use of water as prescribed herein, or any unit of such project authorized before or after the date of enactment of the Fish and Wildlife Coordination Act for planning or construction, but shall not be applicable to any project or unit thereof authorized before the date of enactment of the Fish and Wildlife Coordination Act if the construction of the particular project or unit thereof has been substantially completed. A project or unit thereof shall be considered to be substantially

completed when sixty percent or more of the estimated construction cost has been obligated for expenditure.

(h) Exempt projects and activities

The provisions of section 661 to 666c of this title shall not be applicable to those projects for the impoundment of water where the maximum surface area of such impoundments is less than ten acres, nor to activities for or in connection with programs primarily for land management and use carried out by Federal agencies with respect to Federal lands under their jurisdiction.

§ 663. Impoundment or diversion of waters

(a) Conservation, maintenance, and management of wildlife resources; development and improvement

Subject to the exceptions prescribed in section 662(h) of this title, whenever the waters of any stream or other body of water are impounded, diverted, the channel deepened, or the stream or other body of water otherwise controlled or modified for any purpose whatever, including navigation and drainage, by any department or agency of the United States, adequate provision, consistent with the primary purposes of such impoundment, diversion, or other control, shall be made for the use thereof, together with any areas of land, water, or interests therein, acquired or administered by a Federal agency in connection therewith, for the conservation, maintenance, and management of wildlife resources thereof, and its habitat thereon, including the development and improvement of such wildlife resources pursuant to the provisions of section 662 of this title.

(b) Use and availability of waters, land, or interests therein

The use of such waters, land, or interests therein for wildlife conservation purposes shall be in accordance with general plans approved jointly (1) by the head of the particular department or agency exercising primary administration in each instance, (2) by the Secretary of the Interior, and (3) by the head of the agency exercising the administration of the wildlife resources of the particular State wherein the waters and areas lie. Such waters and other interests shall be made available, without cost for administration, by such State agency, if the management of the properties relate to the conservation of wildlife other than migratory birds, or by the Secretary of the Interior, for administration in such manner as he may deem advisable, where the particular properties have value in carrying out the national migratory bird management program: Provided, That nothing in this section shall be construed as affecting the authority of the Secretary of Agriculture to cooperate with the States or in making lands available to the States with respect to the management of wildlife and wildlife habitat on lands administered by him.

(c) Acquisition of land, waters, and interests therein; report to Congress

When consistent with the purposes of sections 661 to 666c of this title and the reports and findings of the Secretary of the Interior prepared in accordance with section 662 of this title, land, waters, and interests therein may be acquired by Federal construction agencies for the wildlife conservation and development purposes of sections 661 to 666c of this title in connection with a project as reasonably needed to preserve and assure for the public benefit the wildlife potentials of the particular project area: Provided, That before properties are acquired for this purpose, the probable extent of such acquisition shall be set forth, along with other data necessary for project authorization, in a report submitted to the Congress, or in the case of a project previously authorized, no such properties shall be acquired unless specifically authorized by Congress, if specific authority for such acquisition is recommended by the construction agency.

(d) Use of acquired properties

Properties acquired for the purposes of this section shall continue to be used for such purposes, and shall not become the subject of exchange or other transactions if such exchange or other transaction would defeat the initial purpose of their acquisition.

(e) Availability of Federal lands acquired or withdrawn for Federal water-resource purposes

Federal lands acquired or withdrawn for Federal water-resource purposes and made available to the States or to the Secretary of the Interior for wildlife management purposes, shall be made available for such purposes in accordance with sections 661 to 666c of this title, notwithstanding other provisions of law.

(f) National forest lands

Any lands acquired pursuant to this section by any Federal agency within the exterior boundaries of a national forest shall, upon acquisition, be added to and become national forest lands, and shall be administered as a part of the forest within which they are situated, subject to all laws applicable to lands acquired under the provisions of the Act of March 1, 1911 (36 Stat. 961), unless such lands are acquired to carry out the National Migratory Bird Management Program.

§ 664. Administration; rules and regulations; availability of lands to State agencies

Such areas as are made available to the Secretary of the Interior for the purposes of sections 661 to 666c of this title, pursuant to sections 661 and 663 of this title or pursuant to any other authorization, shall be administered by him directly or in

accordance with cooperative agreements entered into pursuant to the provisions of section 661 of this title and in accordance with such rules and regulations for the conservation, maintenance, and management of wildlife, resources thereof, and its habitat thereon, as may be adopted by the Secretary in accordance with general plans approved jointly by the Secretary of the Interior and the head of the department or agency exercising primary administration of such areas: Provided, That such rules and regulations shall not be inconsistent with the laws for the protection of fish and game of the States in which such area is situated: Provided, further, That lands having value to the National Migratory Bird Management Program may, pursuant to general plans, be made available without cost directly to the State agency having control over wildlife resources, if it is jointly determined by the Secretary of the Interior and such State agency that this would be in the public interest: And provided further, That the Secretary of the Interior shall have the right to assume the management and administration of such lands in behalf of the National Migratory Bird Management Program if the Secretary finds that the State agency has withdrawn from or otherwise relinquished such management and administration.

§ 665. Investigations as to effect of sewage, industrial wastes; reports

The Secretary of the Interior, through the Fish and Wildlife Service and the United States Bureau of Mines, is authorized to make such investigations as he deems necessary to determine the effects of domestic sewage, mine, petroleum, and industrial wastes, erosion silt, and other polluting substances on wildlife, and to make reports to the Congress concerning such investigations and of recommendations for alleviating dangerous and undesirable effects of such pollution. These investigations shall include (1) the determination of standards of water quality for the maintenance of wildlife; (2) the study of methods of abating and preventing pollution, including methods for the recovery of useful or marketable products and byproducts of wastes; and (3) the collation and distribution of data on the progress and results of such investigations for the use of Federal, State, municipal, and private agencies, individuals, organizations, or enterprises.

§ 665a. Maintenance of adequate water levels in upper Mississippi River

In the management of existing facilities (including locks, dams, and pools) in the Mississippi River between Rock Island, Illinois, and Minneapolis, Minnesota, administered by the United States Corps of Engineers of the Department of the Army, that Department is directed to give full consideration and recognition to the needs of fish and other wildlife resources and their habitat dependent on such waters, without increasing additional liability to the Government, and, to the maximum extent possible without causing damage to levee and drainage districts, adjacent railroads and highways, farm lands, and dam structures, shall generally operate and maintain pool levels as though navigation was carried on throughout the year.

§ 666. Authorization of appropriations

There is hereby authorized to be appropriated from time to time, out of any money in the Treasury not otherwise appropriated, such amounts as may be necessary to carry out the provisions of sections 661 to 666c of this title and regulations made pursuant thereto, including the construction of such facilities, buildings, and other improvements necessary for economical administration of areas made available to the Secretary of the Interior under said sections, and the employment in the city of Washington and elsewhere of such persons and means as the Secretary of the Interior may deem necessary for such purposes.

§ 666a. Penalties

Any person who shall violate any rule or regulation promulgated in accordance with sections 661 to 666c of this title shall be guilty of a misdemeanor and upon conviction thereof shall be fined not more than $500 or imprisoned for not more than one year, or both.

§ 666b. Definitions

The terms "wildlife" and "wildlife resources" as used herein include birds, fishes, mammals, and all other classes of wild animals and all types of aquatic and land vegetation upon which wildlife is dependent.

§ 666c. Applicability to Tennessee Valley Authority

The provisions of sections 661 to 666c of this title shall not apply to the Tennessee Valley Authority.

CHINO BASIN Water Conservation District

REGULAR MEETING
OF THE BOARD OF DIRECTORS

Chino Basin Water Conservation District
District Office
4594 San Bernardino Street
Montclair, CA 91763

Monday, March 8, 2021

M I N U T E S

INVOCATION – Director Sonnenberg gave the invocation.

CALL TO ORDER – President King called the meeting to order at 2:05 p.m.

ROLL CALL

Board Members Present:	President Terry King Vice President Margaret Hamilton Treasurer Marc Grupposo Director Gil Aldaco Director Hanif Gulmahamad Director Mark Ligtenberg Director Ryan Sonnenberg
Board Members Absent:	None.
General Counsel Present:	Leland McElhaney, Esq.
Staff Present:	Executive Director Elizabeth Skrzat Conservation Programs Manager Scott Kleinrock Facilities and Operations Manager Dave Schroeder Administrative Services Manager Toyasha Sebbag Facilities & Basin Technician Robert Sotomayor Landscape Maintenance Worker II George Jimenez Landscape Maintenance Worker I Luis Fernandez
Visitors Present:	Bob Wagner, Wagner & Bonignore

ADDITIONS OR CHANGES TO THE AGENDA – None.

PRESENTATIONS – None.

CONSENT CALENDAR

1. **Minutes**
   - **a. January 29, 2021 – Recharge Committee Meeting.** Approve.
   - **b. February 8, 2021 – Regular Board Meeting.** Approve.
   - **c. February 9, 2021 – Education Committee Meeting.** Approve.
   - **d. February 12, 2021 – Special Board Meeting.** Approve.
   - **e. February 18, 2021 – Personnel Committee Meeting.** Approve.
   - **f. February 22, 2021 – Finance Committee Meeting.** Approve.

2. **Financial Reports.**
   - **a. February 2021.** Approve.

3. **AB 1234**
   - **a. Director Travel, Training, and Meeting Report.** Approve.
   - **b. Compensation & Reimbursement Report.** Approve.

Director Aldaco pulled items 1A, 1E and 3A for comment and question. It was moved by Director Aldaco and seconded by Director Grupposo to approve the remainder of the Consent Calendar. A motion was made to approve Items 1B, 1C, 1D, 1F, 2A and 3B of the Consent Calendar.

Motion carried on 7-0-0-0 vote to approve items #1B, 1C, 1D, 1F, 2A, and 3B of the Consent Calendar.

MOVED: Aldaco **SECONDED: Grupposo** **APPROVED: 7-0-0-0**

AYES: King, Hamilton, Grupposo, Aldaco, Gulmahamad, Ligtenberg, Sonnenberg
NOES: None
ABSTAIN: None
ABSENT: None

Director Aldaco spoke on Item 1A of the Recharge Committee meeting. He wanted, to reiterate the Committee's recommendation to permanently stop moving forward with the Confluence Pumping Project, to hold the property as an asset, to continue to lease the property, and that the Board of Directors (Board) continue to research other options.

Director Aldaco discussed Item 1E of the Personnel Committee meeting and requested that the entire Board and not just the Personnel Committee discuss the Executive Directors performance evaluation. General Counsel McElhaney agreed with Director

Aldaco, that the position of the Executive Director should be evaluated by the entire Board. Director Grupposo clarified that the Personnel Committee does an evaluation for the mid-year review and the Board does one annually.

Executive Director Skrzat suggested to have the Board discuss the evaluation during closed session in May or June. Director Grupposo agreed with Ms. Skrzat's recommendation to move forward with discussing that item in Closed Session and to have the item added to May's Regular Board Meeting.

Director Aldaco discussed Item 3A to remind staff to have the virtual meeting report as part of the consent calendar. Director Aldaco stressed the importance of providing information on what occurred during the meeting's to be part of the public record.

It was moved by Director Aldaco and seconded by Director Grupposo to approve Items 1A, 1E, and 3A.

Motion carried on 7-0-0-0 vote to pull approve items 1A, 1E and 3A of the Consent Calendar.

MOVED: Aldaco SECONDED: Grupposo APPROVED: 7-0-0-0

AYES: King, Hamilton, Grupposo, Aldaco, Gulmahamad, Ligtenberg, Sonnenberg
NOES: None
ABSTAIN: None
ABSENT: None

PUBLIC HEARINGS – None.

PUBLIC COMMUNICATIONS – None.

DISCUSSION ITEMS

4. **Confluence Project Review.**

Executive Director Elizabeth Skrzat presented the item to the Board of Directors (Board) and recommended that the Board review, discuss and provide direction to staff regarding the Confluence Pumping project. The District purchased the Confluence Pumping project property in March of 2018 for a purchase price of $4.5 million and has so far invested $5,022,922. On October 8, 2018, the District contracted with Wagner & Bonsignore for contract services and estimated the cost to complete the project would be between $16.9 and $21.3 million.

The next step would be for Wagner & Bonsignore to complete the preliminary engineering design for the total cost estimated at $375,000. On January 29, 2021, the Recharge

Committee heard and discussed several options and recommended the District to halt all work on the pipeline and pumping project and hold the property as an asset.

Engineer Bob Wagner commended staff on its report. It was moved by Director Sonnenberg and seconded by Director Aldaco.

Motion carried on 7-0-0-0 vote to recommended to halt work on the pipeline and pumping project and hold the property as an asset for a future project or sale.

MOVED: Sonnenberg SECONDED: Aldaco APPROVED: 7-0-0-0

AYES: King, Hamilton, Grupposo, Aldaco, Gulmahamad, Ligtenberg, Sonnenberg
NOES: None
ABSTAIN: None
ABSENT: None

5. **Change Order to Contract by the CBWCD for Montclair Basins No. 2 and 3 Erosion Repairs – Project No. 2021-001.**

Executive Director Elizabeth Skrzat and Facilities Operations Manager Dave Schroeder presented the item to the Board of Directors (Board) to review, discuss and approve the change order to the contract by CBWCD for Montclair Basins No. 2 and 3 Erosion Repairs and to authorize additional expenditures. Mr. Schroeder discussed three main issues staff is experiencing on the erosion project and the contractor made staff aware of those issues along with the repair cost.

Director Aldaco questioned the need for a change order and suggested that staff document/maintain a list of all pipes and apparatus found in each basin, to prevent the need for change orders in the future.

It was moved and seconded to approve the change order to the contract by CBWCD for Montclair Basins No. 2 and 3.

Motion carried on 7-0-0-0 vote to approve the change order to the contract by CBWCD for Montclair Basins No. 2 and 3 Erosion Repairs and authorize the transfer of funds.

MOVED: Aldaco SECONDED: Sonnenberg APPROVED: 7-0-0-0

AYES: King, Hamilton, Grupposo, Aldaco, Gulmahamad, Ligtenberg, Sonnenberg
NOES: None
ABSTAIN: None
ABSENT: None

6. **Resolutions Concurring Nominations to the Executive Committee of the ACWA-JPIA.**

Executive Director Elizabeth Skrzat presented the item to the Board of Directors (Board) to review, discuss and approve Resolution No. 2021-01 and No. 2021-02. Resolution No. 2021-01 proposed to nominate Randall James Reed to the Executive Committee of the ACWA-JPIA and Resolution No. 2021-02 proposed to nominate Melody A. McDonald to the Executive Committee of the ACWA-JPIA.

It was moved by Director Aldaco and seconded by Director Sonnenberg to approve Resolution No. 2021-01 and No. 2021-02.

Motion carried on 7-0-0-0 vote to approve Resolution No. 2021-01 nomination Randall James Reed to the Executive Committee of the ACWA-JPIA and Resolution No. 2021-02 concurring with the nomination of Melody A. McDonald to the Executive Committee of the ACWA-JPIA.

MOVED: Aldaco SECONDED: Sonnenberg APPROVED: 7-0-0-0

AYES: King, Hamilton, Grupposo, Aldaco, Gulmahamad, Ligtenberg, Sonnenberg
NOES: None
ABSTAIN: None
ABSENT: None

7. **California Special Districts Association Board Nominations and Resolution No. 2021-03.**

Executive Director Elizabeth Skrzat presented the item to the Board of Directors (Board) and recommended that the Board review and discuss the potential nomination to the California Special District Association (CSDA) Board of Directors and provide direction to staff. If the item is approved, it would cost the District approximately $6,600 annually in Directors wages. The CSDA is requesting nominations for the term 2022-2024 and if any Board members are interested then the Board is required to submit the candidate information sheet by March 29, 2021.

Director Aldaco recommended proceeding forward by nominating a Director as a candidate for the CSDA Board of Directors. Ms. Skrzat requested the Board of Directors to assert if they were interested in being nominated and no one was interested.

No motions or actions were taken.

8. **Fiscal Year 2020/21 Mid-year Budget Adjustments.**

Executive Director Elizabeth Skrzat presented the item to the Board of Directors (Board) to review, discuss, and approve mid-year budget adjustments for Fiscal Year 2020-2021.

Ms. Skrzat detailed that the District successfully shifted some of its costs by reducing planned expenditures in certain programs that contained inherent risk to the spread of the infection due to Covid-19. Due to Covid-19 the District had to make budget adjustments throughout the year and detailed the largest shift in funds include an estimated $89,700 assigned to the Community Programs Account that has been moved to Accounts 58000, Capital Clearing and 60200. Ms. Skrzat is proposing at the end of the year to pass a resolution requesting to use the remaining unused funds for major structural failures and place the money in the reserve that will help fund the spillway.

Director Aldaco commended staff on its report. Director King questioned how the District decided to order 250 butterfly gardens and questioned the need and reasoning for giving out plants for earth day. Conservation Program Manager Scott Kleinrock detailed how the District has a plan if they do not give away 250 plants then staff would move the plants if necessary to other locations such as school sites and community gardens thereby ensuring that the plants would not go to waste. Mr. Kleinrock explained the link between providing the plants for butterfly gardens and water conservation by detailing that the plants are good for butterflies and require less than a quarter of water per year than a lawn does.

It was moved by Director Aldaco and seconded by Director Grupposo to approve mid-year budget adjustments.

Motion carried on 7-0-0-0 vote to approve mid-year budget adjustments.

MOVED: Aldaco SECONDED: Grupposo APPROVED: 7-0-0-0

AYES: King, Hamilton, Grupposo, Aldaco, Gulmahamad, Ligtenberg, Sonnenberg
NOES: None
ABSTAIN: None
ABSENT: None

9. **Proposed Adjustments to the Five-Year Capital Plan.**

Executive Director Elizabeth Skrzat presented the item to the Board of Directors (Board) and recommended that the Board review, discuss and approve the proposed adjustments to the Five-Year Capital Plan. Ms. Skrzat reported on costs related to the Brooks Basin Fence Project which was estimated to cost $300,000 and upon further investigation is estimated to cost $ 400,000. Ms. Skrzat recommends splitting the project into two phases, with phase one built FY 23-24 and phase two to be built FY 24-25.

It was moved by Director Aldaco and seconded by Director King to approve proposed adjustments to the Five-Year Capital Plan.

Motion carried on 7-0-0-0 vote to approve proposed adjustments to the Five-Year Capital Plan.

MOVED: Aldaco SECONDED: King APPROVED: 7-0-0-0

AYES: King, Hamilton, Grupposo, Aldaco, Gulmahamad, Ligtenberg, Sonnenberg
NOES: None
ABSTAIN: None
ABSENT: None

INFORMATIONAL ITEMS

10. Monthly update of Team Goals During COVID-19 Restrictions.

11. "President's Special Recognition Award" from ACWA-JPIA.

ACWA JPIA recognized the District in particular David Schroeder for achieving the low ratio of "Paid Claims and Case Reserves" to "Deposit Premiums" in the Worker's Compensation program for the period 07/01/2016 – 6/30/2019.

Director Aldaco, Director Hamilton and Director Grupposo commended staff on its award.

DIRECTOR ORAL REPORTS

President King – Nothing to Report.

Vice President Hamilton – Director Hamilton discussed the education virtual meeting for the poster contest and mentioned that a total of 514 posters were submitted. Director Hamilton wanted to reiterate the contest ended at the end of the week and commended everyone who participated in the event.

Treasurer Grupposo – Director Grupposo had nothing to report but stated that he is proud of the efforts of the state for getting people vaccinated and commended everyone who is engaged in those efforts.

Director Aldaco:

- ***See attached written report.***

  Director Aldaco requested staff to give an update on the goats and llama. Facilities and Operations Manager Dave Schroeder provided an update that staff have been investigating the goats and llama. Mr. Schroder will report back to the Board of Directors with a comparative analysis on the pros and cons of contracting out at a future meeting.

Director Gulmahamad reported on the following:

- Director Gulmahamad reported on the Southern California Water Coalition Webinar. Director Gulmahamad discussed the impact of chemicals PFAS and PFOA are having on underground water. Director Gulmahamad further mentioned the Environmental Protection Agency efforts to investigate this subject matter.
- Director Gulmahamad reported on the Metropolitan Water District meeting about diversifying the water supplies to protect and enhance the natural systems. He mentioned the Metropolitan Water District efforts of modernizing the delta conveyance.

Director Ligtenberg – Nothing to report.

Director Sonnenberg – Nothing to report.

STAFF ORAL REPORTS

Executive Director Elizabeth Skrzat provided an update about a grant the District applied for with the Metropolitan Water District and the grant is still in progress. The U.S. Bureau of Reclamation grant was not accepted.

The Southern California water conference will provide an update in a week for the schedule for the conference.

Ms. Skrzat commended staff on its continuous effort with working through the pandemic.

Director Gulmahamad urged staff to not be discouraged for not getting the grant with the U.S. Bureau of Reclamation.

Board Attorney – Nothing to report.

CLOSED SESSION – The Board recessed to closed session at 4:08 p.m. to consider the following closed session items:

CONFERENCE WITH LEGAL COUNSEL. Government Code section 54956.8, Conference re request for real property easement.

CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION**:** Pursuant to Government Code Section 54956.9(d)(1); KAISER FOUNDATION HEALTH PLAN, INC., et al. vs. CHINO BASIN WATER CONSERVATION DISTRICT; and DOES 1 through 10, inclusive; San Bernardino Superior Court Case No.: CIVDS 1933655.

REPORTABLE ACTION – The meeting reconvened at 4:14 p.m. and the Board motioned to reject the request for an easement for the portion of a property owned by the District in the College Heights area.

ADJOURN

Director Aldaco adjourned the meeting at 4:38 p.m. to the next Regular Board Meeting of the Chino Basin Water Conservation District to be held on Monday, April 12, 2021 at 2:00 p.m. online at: https://zoom.us/j/98961622935.

APPROVED AND ADOPTED THIS 12th DAY OF April 2021.

Elizabeth Skrzat

Elizabeth Skrzat, Executive Director

ATTEST:

Jerry Mireles

Jerry Mireles, Sr. Administrative Assistant

CHINO BASIN Water Conservation District

RECHARGE COMMITTEE MEETING

Chino Basin Water Conservation District
District Office
4594 San Bernardino Street
Montclair, CA 91763

Friday, January 29, 2021

M I N U T E S

CALL TO ORDER – Committee Chair Aldaco called the meeting to order at 5:05 p.m.

ROLL CALL

Committee Members Present:	Committee Chair Gil Aldaco Director Terry King Director Ryan Sonnenberg
Staff Present:	Executive Director Elizabeth Skrzat Administrative Services Manager Toyasha Sebbag Facilities & Operations Manager Dave Schroeder
Visitors Present:	Bob Wagner, Wagner & Bonsignore Dave Lounsbury, Wagner & Bonsignore

ADDITIONS OR CHANGES TO THE AGENDA – None.

PRESENTATIONS – None.

PUBLIC COMMUNICATIONS – None.

DISCUSSION ITEMS

1. Confluence Project Review.

Executive Director Skrzat presented this item to the Recharge Committee (Committee) recommending that the Committee review, discuss, and provide direction to staff and a recommendation to the Board regarding next steps on the Confluence project. Several years ago, the District completed the purchase of the Confluence Property for $4.5 million. A Ramboll Study was conducted in partnership with the Chino Basin Watermaster and there were concerns about its abilities to percolate water. The study found that once the basin

was created, the soil left would not percolate very well. Mr. Bob Wagner also stated that since the purchase a significant number of borings, lab work, and geologic surface geology data was collected on the site and it was concluded that the basin would not percolate well. Therefore, as an alternative it was suggested to pump the water north to collect water via a pipeline. A Parcel Study was conducted of the parcels along the proposed route for the pipeline and 300 parcels were identified as being impacted by the building of a pipeline. Easements would need to be individually negotiated for each parcel. Parcels included are private, public, and commercial properties. An analysis was conducted to determine how much water is available at the project site. It was found that 15 of the 31 years studied had an annual discharge of 5,000 acre-feet per year or less. The list of species that might be impacted were also discussed. Executive Director Skrzat presented options to the Board for their consideration which include: further develop the Confluence Project; hold the property as an asset and continue to lease it; list the property for sale and hold revenues in reserves; list property for sale and direct staff to evaluate other properties for percolation basins; and list the property for sale and direct that sale proceeds be used to develop smaller groundwater recharge facilities throughout the District's service area. Director King suggested listing the property for sale and returning the proceeds to taxpayers as an option. Furthermore, Director King stated that the Confluence Project, as currently envisioned, cannot be built with the District's current funds and moves for the option to pause. Chairman Aldaco and Director Sonnenberg agreed with Director King.

It was moved and seconded to make a recommendation to the Board to permanently stop moving forward with the pumping project, hold the property as an asset, continue to lease the property, with the idea that at a future date the Board could choose to research other options.

Motion carried on 3-0-0-0 vote to recommend to the Board that the District permanently stop moving forward with the pumping project, hold the property as an asset, continue to lease the property, and research other options at a later date.

MOVED: Aldaco **SECOND: Sonnenberg** **APPROVED: 3-0-0-0**

AYES: Aldaco, King, Sonnenberg
ABSTAIN: None
ABSENT: None

ORAL REPORTS – None.

CLOSED SESSION – None.

ADJOURN

Committee Member Aldaco adjourned the meeting at 6:11 p.m. to the next Regular Meeting of the Chino Basin Water Conservation District, to be held on February 8, 2021 at 2:00 p.m. online at: https://zoom.us/j/98961622935.

APPROVED AND ADOPTED THIS 8TH DAY OF MARCH 2021.

Elizabeth Skrzat, Executive Director

ATTEST:

Alicia Fernandez, Acting Sr. Administrative Assistant

CHINO BASIN Water Conservation District

ITEM NO. 8

STAFF REPORT
BOARD OF DIRECTORS REGULAR MEETING

DATE: December 11, 2023

FROM: Elizabeth Willis, General Manager

BY: Dave Schroeder, Facilities and Operations Manager

SUBJECT: **AWARD CONTRACT TO EVERFENCE CORPORATION FOR THE BROOKS BASIN FENCING PROJECT, PHASE 1 (CIP NO. 2023-1)**

RECOMMENDATION

It is recommended that the Board of Directors 1) review, discuss and consider the results of the Brooks Basin Fencing Project, Phase 1 bidding process; 2) award the bid to EverFence Corporation; 3) approve a budget modification to appropriate $298,710.00 to Account No. 58000: Capital Projects.

BACKGROUND

On October 9, 2023, the Board of Directors authorized solicitation of public bids for the Brooks Basin Fencing Project, Phase 1 project (CIP No. 2023-1) for an estimated cost of $300,000.00. This project was bid to procure a contractor to provide enhanced security fencing on the west side of the property along Silicon Avenue and on the north side of the property along Brooks Street, as well as for 170 feet along the southwest corner from a west to east direction of the property, bordering the Union Pacific Railroad property in an area where the topography is relatively level, and most prone to damaged fencing along the southern border of the Brooks Basin.

The bid was posted on the District's website and an email notification was sent to four (4) trade journals on October 17, 2023. The bid was viewed by four (4) prospective bidders. The bid was advertised on Wednesday, November 1, 2023, in the Inland Valley Daily Bulletin. Questions pertaining to the bid were received up until Thursday, November 16, 2023 at 12:00 p.m. and responses were submitted to the prospective bidders on Tuesday, November 21, 2023, before 5:00 p.m.

DISCUSSION/ANALYSIS

The bid process closed on Tuesday, November 28, 2023, at 9:00 a.m. Three (3) bids were received from the following entities: (1) EverFence Corporation; (2) Cobian Fence Co., Inc.; (3) Izurieta Fence Co., Inc. The review of bids has found that EverFence Corporation, has submitted the

lowest responsive bid and has the relevant experience, qualifications, and licensing necessary to complete this project. Below is a table of all bidders and their prices, showing that EverFence Corporation is the lowest bidder.

The following table represents a summary of the bids received:

Bidder	Schedule A	Schedule B- Optional Items	Total Bid Price
EverFence Corporation	$250,520.00	$48,190.00	$298,710.00
Cobian Fence Co., Inc.	$343,900.00	$55,900.00	$399,800.00
Izurieta Fence Co., Inc.	$445,440.00	$65,420.00	$510,860.00

The Engineer's Estimate for this project was approximately $400,000.00. The bid price from EverFence Corporation, including the optional items, was $298,710.00.

FISCAL IMPACT

Appropriate $298,710.00 for the Brooks Basin Fence Project, Phase 1 in Acct. No 58000: Capital Projects, using $150,000, also from Account No. 58000: Capital Projects of the $262,000 originally intended for the Amphitheater Roof and Upgrades and additionally, another $150,000 from the $170,200 originally intended to go to the District's Reserve Funds in Acct. No 31000: Unassigned Reserves.

ATTACHMENT(S)

1. Bid Results
2. Bid Schedule Packet
3. Contractor's License

Bid Results for CIP No. 2023-01, Brooks Basin Fencing Project, Phase 1
Issued on Tuesday, October 17, 2023
Bid Due on Tuesday, November 28, 2023 at 9:00 AM

Line Totals (Unit Price * Quantity)

Item No.	Description	Unit of Measure	Quantity	EverFence	EverFence	Izurieta Fence Company	Izurieta Fence Company	Cobian Fence Co	Cobian Fence Co
				Unit Price	Line Total	Unit Price	Line Total	Unit Price	Line Total
SCHEDULE A									
1	Permitting	LS	1	$850.00	$850.00	$2,500.00	$2,500.00	$7,700.00	$7,700.00
2	Mobilization and Demobilization	LS	1	$3,840.00	$3,840.00	$5,000.00	$5,000.00	$0.00	$0.00
3	Demolition	LS	1	$12,990.00	$12,990.00	$8,000.00	$8,000.00	$12,300.00	$12,300.00
4	Iron and Steel Fencing	LF	1,030	$210.00	$216,300.00	$398.00	$409,940.00	$294.85	$303,700.00
5	20 ft. Double Iron Gate	LS	1	$12,070.00	$12,070.00	$15,000.00	$15,000.00	$13,200.00	$13,200.00
6	4 ft. Iron Walk-In Gate	LS	1	$4,470.00	$4,470.00	$5,000.00	$5,000.00	$7,000.00	$7,000.00
	Schedule A - Subtotals:				**$250,520.00**		**$445,440.00**		**$343,900.00**
SCHEDULE B - OPTIONAL ITEMS									
7	Welded Mesh Fencing	LF	170	$218.00	$37,060.00	$326.00	$55,420.00	$251.18	$42,700.00
8	16 ft. Double Welded Wire Gate	LS	1	$11,130.00	$11,130.00	$10,000.00	$10,000.00	$13,200.00	$13,200.00
	Schedule B - Subtotals:				**$48,190.00**		**$65,420.00**		**$55,900.00**
	Grand Totals:			**$298,710.00**		**$510,860.00**		**$399,800.00**	

ATTACHMENT 1

:raph Rd
rrngs CA

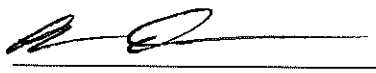
Brooks Basin Fencing Project Phase 1
Chino Basin Water Conservation District
Contract No. 2109-2023-1

ATTACHMENT 2

BIDDER'S CHECKLIST

This checklist has been prepared and furnished to aid Bidders in including all necessary supporting information that should be submitted with the bid. Bidder's signature is required on all of the documents indicated below. Omission of signature may be grounds for rejection of the bid. Bidders' submittals should include, but are not limited to, the following:

ITEM		
1.	Proposal (Bid Form & Bid Schedule)	X
2.	Bidder's Checklist	X
3.	Bidder's Bond or other Security	X
4.	Power-of-Attorney for Surety's Agent to execute Bidder's Bond	X
5.	Authority to sign Proposal if signature is by agent other than officer of corporation, partner, or owner	
6.	Acknowledgment of any Addenda	X
7.	List of Subcontractors	X
8.	List of Suppliers	X
9.	Non-Collusion Affidavit (to be notarized and attached to Proposal)	X

Signature of Bidder 

* * * * * *

BID FORM

To: Chino Basin Water Conservation District
4594 San Bernardino Street
Montclair, CA 91763

For: Brooks Basin Fencing Project, Phase 1

Submitted by:

EverFence Corporation

X A Corporation

__ A Partnership

__ An Individual

Principal office:

12309 Telegraph Road Santa Fe Springs, CA 90670

Person to contact for additional information on this submittal:

Name:

Brian Davies

Address:

12309 Telegraph Road Santa Fe Springs, CA 90670

Phone:

562-329-1095

Email:

Brian Davies

BIDDERS DECLARATION AND UNDERSTANDING

THE UNDERSIGNED BIDDER having familiarized himself with the Work required by the Contract Documents, all site conditions where the Work is to be performed, local labor conditions and all laws, regulations, and other factors affecting the performance of the Work, and having satisfied himself of the expense and difficulties attending performance of the Work.

HEREBY PROPOSES and agrees, if this Bid is accepted, to enter into Agreement in the form attached and to perform all Work, including the assumption of all obligations, duties, and responsibilities necessary to the successful completion of the contract and the furnishing of all materials and equipment required to be incorporated in and form a permanent part of the Work, tools, equipment, supplies, transportation, facilities, labor, superintendence, permits and services required to perform the Work, to the satisfaction of Owner and to provide all required Bonds, insurance and submittals.

The undersigned bidder agrees to furnish the required bonds and evidence of insurance and to execute the contract and deliver the same to Owner within ten (10) working days after receipt of Notice of Award by the Owner.

The Bidder further agrees that in the event he fails to comply with the foregoing provisions, the Bid security accompanying this Bid shall become the property of Chino Basin Water Conservation District and said District shall be entitled to the full benefit thereof.

BID SCHEDULE A

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Price
1	Permitting	1	LS	Lump Sum	$850.00
2	Mobilization and Demobilization	1	LS	Lump Sum	$3,840.00
3	Demolition	1	LS	Lump Sum	$12,990.00
4	Iron and Steel Fencing	1,030	LF	$210.00	$216,300.00
5	20 ft. Double Iron Gate	1	LS	Lump Sum	$12,070.00
6	4 ft. Iron Walk-In Gate	1	LS	Lump Sum	$4,470.00
Total Bid Schedule A:					$250,520.00

BID SCHEDULE B

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Price
7	Welded Mesh Fencing	170	LF	$218.00	$37,060.00
8	16 ft. Double Welded Wire Gate	1	LS	Lump Sum	$11,130.00
Total Bid Schedule B:					$48,190.00
Total Bid Schedule A + B:					$298,710.00

BIDDER'S BOND

Herewith find deposit in the form of a certified check, cashier's check, or bid bond in the amount of $ Ten Percent (10%) of The Total Amount of The Bid, which amount is not less than ten percent (10%) of the total bid.

Signature _____

BID BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, EverFence Corporation, as Principal, and Great Midwest Insurance Company, as Surety, are held and firmly bound, unto the Chino Basin Water Conservation District as Obligee in the penal sum of Ten Percent (10%) of The Total Amount of The Bid dollars for the payment of which the Principal and the Surety bind themselves, their heirs, executors, administrators, successors and assign, jointly and severally, these presents.

The condition of this obligation is such that if the Obligee shall make any award to the Principal for construction of the Brooks Basin Fencing Project, Phase 1 - Job No. 2109-2023-1 according to the terms of the proposal or bid made by the Principal therefore, and the Principal shall duly make and enter into a contract with the Obligee in accordance with the terms of said proposal or bid and award and shall provide evidence of required insurance and give bond for payment of material and laborers and for the faithful performance thereof, with Surety and Sureties approved by the Obligee; or if the Principal shall, in case of failure so to do, pay and forfeit to the Obligee the penal amount of the deposit specified in the call for bids, then this obligation shall be null and void; otherwise it shall be and remain in full force and effect and the Surety shall forthwith pay and forfeit to the Obligee, as penalty and liquidated damages, the amount of this bond.

SIGNED, SEALED AND DATED THIS 27th day of November, 2023.

EverFence Corporation
Principal

Great Midwest Insurance Company
Surety

November 27, 2023

Received return of deposit in the sum of $ Ten Percent (10%) of The Total Amount of The Bid

S- McCauley, Jr

Signature
Sean McCauley, Jr., Attorney-In-Fact

POWER OF ATTORNEY

Great Midwest Insurance Company

KNOW ALL MEN BY THESE PRESENTS, that **GREAT MIDWEST INSURANCE COMPANY**, a Texas Corporation, with its principal office in Houston, TX, does hereby constitute and appoint:
Sean McCauley, Jr., Claudia Chavez, Sam Duckett, Katie Rooney, Jeff Scott, Bridget Truxillo, Sarah Timmons, Ashlyn Simchik, Jarrod Yost, Alex Rausch, Liam Hackett, Sterling Ward

its true and lawful Attorney(s)-In-Fact to make, execute, seal and deliver for, and on its behalf as surety, any and all bonds, undertakings or other writings obligatory in nature of a bond.

This authority is made under and by the authority of a resolution which was passed by the Board of Directors of **GREAT MIDWEST INSURANCE COMPANY**, on the 1st day of October, 2018 as follows:

Resolved, that the President, or any officer, be and hereby is, authorized to appoint and empower any representative of the Company or other person or persons as Attorney-In-Fact to execute on behalf of the Company any bonds, undertakings, policies, contracts of indemnity or other writings obligatory in nature of a bond not to exceed Twenty-Five Million dollars ($25,000,000.00), which the Company might execute through its duly elected officers, and affix the seal of the Company thereto. Any said execution of such documents by an Attorney-In-Fact shall be as binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company. Any Attorney-In-Fact, so appointed, may be removed in the Company's sole discretion and the authority so granted may be revoked as specified in the Power of Attorney.

Resolved, that the signature of the President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Secretary, and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such power or certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certificate so executed and sealed shall, with respect to any bond of undertaking to which it is attached, continue to be valid and binding on the Company.

IN WITNESS THEREOF, **GREAT MIDWEST INSURANCE COMPANY**, has caused this instrument to be signed by its President, and its Corporate Seal to be affixed this 11th day of February, 2021.

GREAT MIDWEST INSURANCE COMPANY — CORPORATE SEAL — TEXAS CORPORATION

GREAT MIDWEST INSURANCE COMPANY

BY _____
Mark W. Haushill
President

ACKNOWLEDGEMENT

On this 11th day of February, 2021, before me, personally came Mark W. Haushill to me known, who being duly sworn, did depose and say that he is the President of **GREAT MIDWEST INSURANCE COMPANY**, the corporation described in and which executed the above instrument; that he executed said instrument on behalf of the corporation by authority of his office under the By-laws of said corporation.

CHRISTINA BISHOP
Notary Public, State of Texas
Comm. Expires 04-14-2025
Notary ID 131090488

BY _____
Christina Bishop
Notary Public

CERTIFICATE

I, the undersigned, Secretary of **GREAT MIDWEST INSURANCE COMPANY**, A Texas Insurance Company, DO HEREBY CERTIFY that the original Power of Attorney of which the foregoing is a true and correct copy, is in full force and effect and has not been revoked and the resolutions as set forth are now in force.

Signed and Sealed at Houston, TX this 27th Day of November, 2023.

GREAT MIDWEST INSURANCE COMPANY — CORPORATE SEAL — TEXAS CORPORATION

BY _____
Leslie K. Shaunty
Secretary

"WARNING: Any person who knowingly and with intent to defraud any insurance company or other person, files and application for insurance of claim containing any materially false information, or conceals for the purpose of misleading, information concerning any fact material thereto, commits a fraudulent insurance act, which is a crime and subjects such person to criminal and civil penalties.

No. 5780-2

STATE OF CALIFORNIA

DEPARTMENT OF INSURANCE

SAN FRANCISCO

Amended

Certificate of Authority

THIS IS TO CERTIFY, *That, pursuant to the Insurance Code of the State of California,*

Great Midwest Insurance Company

of Texas, organized under the laws of Texas, subject to its Articles of Incorporation or other fundamental organizational documents, is hereby authorized to transact within this State, subject to all provisions of this Certificate, the following classes of insurance:

Fire, Marine, Surety, Disability, Plate Glass, Liability,

Workers' Compensation, Common Carrier Liability, Boiler and Machinery,

Burglary, Credit, Sprinkler, Team and Vehicle, Automobile, and Aircraft

as such classes are now or may hereafter be defined in the Insurance Laws of the State of California.

THIS CERTIFICATE *is expressly conditioned upon the holder hereof now and hereafter being in full compliance with all, and not in violation of any, of the applicable laws and lawful requirements made under authority of the laws of the State of California as long as such laws or requirements are in effect and applicable, and as such laws and requirements now are, or may hereafter be changed or amended.*

IN WITNESS WHEREOF, *effective as of the 4th day of August, 2015, I have hereunto set my hand and caused my official seal to be affixed this 4th day of August, 2015.*

Dave Jones
Insurance Commissioner

By

Valerie Sarfaty
for Nettie Hoge
Chief Deputy

NOTICE:
Qualification with the Secretary of State must be accomplished as required by the California Corporations Code promptly after issuance of this Certificate of Authority. Failure to do so will be a violation of Insurance Code section 701 and will be grounds for revoking this Certificate of Authority pursuant to the covenants made in the application therefor and the conditions contained herein.

NOTARY ACKNOWLEDGEMENT

State of Texas

County of Dallas

On this the 27th day of November, 2023 before me, Ashlyn Simchik (name of notary), personally appeared Sean McCauley, Jr, known to me (or satisfactorily proven) to be the person(s) whose name(s) is (is or are) subscribed to the within instrument and acknowledged that He (he/she/they) executed the same for the purposes therein contained.

In witness whereof, I hereunto set my hand.

Date: November 27, 2023

Ashlyn Simchik

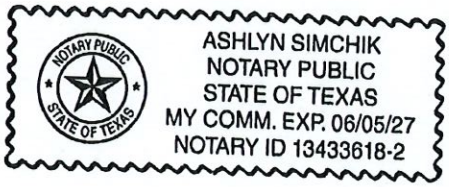
Notary Public

Print Name: Ashlyn Simchik

Notary ID: 13433618-2

My Commission Expires:

June 5, 2027



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT **CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Los Angeles)

On NOV. 27, 2023 before me, Elvy I. Cifuentes-Giron, Notary Public,
Date *Here Insert Name and Title of the Officer*

personally appeared Brian Davies
Name of Signer

,

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

ELVY IVETTE CIFUENTES-GIRON
Notary Public - California
Los Angeles County
Commission # 2351697
My Comm. Expires Mar 15, 2025

Signature _____
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document
Title or Type of Document: Bid Bond Document Date: 11/27/23
Number of Pages: 1 Signer(s) Other Than Named Above: _____

Capacity Claimed by Signer

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

LIST OF SUBCONTRACTORS

Pursuant to the provisions of Section 4100 to 4133, inclusive, of the Public Contract Code of the State of California, every Bidder shall in his Bid set forth:

a. The name and location of the place of business of each Subcontractor who will perform work or labor or render service to the Bidder in or about the work in an amount in excess of one-half (1/2) of one percent (1%) of the Bidder's total bid and the portion of the work which will be done by each such subcontract. If the Bidder fails to specify a contractor for any portion of the work, the Bidder agrees to perform that portion himself. The successful Bidder shall not, without the consent of the Owner, either:
   1. Substitute any person as Subcontractor in place of the Subcontractor designated in the original Bid.
   2. Permit any subcontract to be assigned or transferred or allow it to be performed by anyone other than the original Subcontractor listed in the Bid.
   3. Sublet or subcontract any portion of the work in excess of one-half (1/2) of one percent (1%) of the total Bid as to which his original bid did not designate a Subcontractor.

Portion of Work	Name of Contractor and Business Address	License No.	DIR No.
N/A			

LIST OF MATERIAL SUPPLIERS AND SOURCES

Suppliers or sources of materials listed below, to be used for construction of Project, shall be provided:

Material	Name of Supplier or Source
Iron Fence	Lion Fence
Perf Metal	Schorr Metals
Gate Fabrication	EverFence Corporation

(Signature of Bidder)

NON-COLLUSION DECLARATION TO BE EXECUTED BY BIDDERS AND SUBMITTED WITH BID

State of California)

) ss.

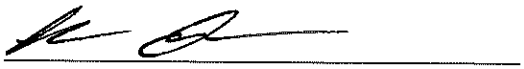
County of Los Angeles)

The undersigned declares:

I am the Secretary of EverFence Corporation, the party making the foregoing bid; that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The Bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract. All statements contained in the bid are true. The bidder has not directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and this declaration is executed on 11/27/2028 (date), at Santa Fe Springs (city), California.



(Signature of Bidder)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT **CIVIL CODE § 1189**

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who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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WITNESS my hand and official seal.

ELVY IVETTE CIFUENTES-GIRON
Notary Public - California
Los Angeles County
Commission # 2351697
My Comm. Expires Mar 15, 2025

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Signature of Notary Public

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☐ Corporate Officer — Title(s): _____	☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General	☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact	☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator	☐ Trustee ☐ Guardian or Conservator
☐ Other: _____	☐ Other: _____
Signer Is Representing: _____	Signer Is Representing: _____

Home | CONTRACTORS STATE LICENSE BOARD

Contractor's License Detail for License # 1063022

DISCLAIMER: A license status check provides information taken from the CSLB license database. Before relying on this information, you should be aware of the following limitations.

- CSLB complaint disclosure is restricted by law (B&P 7124.6) If this entity is subject to public complaint disclosure click on link that will appear below for more information. Click here for a definition of disclosable actions.
- Only construction related civil judgments reported to CSLB are disclosed (B&P 7071.17).
- Arbitrations are not listed unless the contractor fails to comply with the terms.
- Due to workload, there may be relevant information that has not yet been entered into the board's license database.

Data current as of 11/29/2023 8:11:42 AM

Business Information

EVERFENCE CORPORATION
12309 TELEGRAPH RD
SANTA FE SPRINGS, CA 90670
Business Phone Number:(562) 946-2872

Entity Corporation
Issue Date 02/05/2020
Expire Date **02/29/2024**

License Status

This license is current and active.

All information below should be reviewed.

Classifications

C13 - FENCING

Bonding Information

Contractor's Bond

This license filed a Contractor's Bond with HUDSON INSURANCE COMPANY.
Bond Number: 30045956
Bond Amount: $25,000
Effective Date: 01/01/2023
Contractor's Bond History

Bond of Qualifying Individual

The qualifying individual MATTHEW LLOYD SIVEWRIGHT certified that he/she owns 10 percent or more of the voting stock/membership interest of this company; therefore, the Bond of Qualifying Individual is not required.
Effective Date: 02/05/2020

Workers' Compensation

This license has workers compensation insurance with the BERKSHIRE HATHAWAY HOMESTATE INSURANCE COMPANY
Policy Number:EVWC421686
Effective Date: 11/15/2023
Expire Date: 11/15/2024
Workers' Compensation History

CHINO BASIN Water Conservation District

ITEM NO. 9

STAFF REPORT
BOARD OF DIRECTORS REGULAR MEETING

DATE: December 11, 2023

FROM: Elizabeth Willis, General Manager

BY: Elizabeth Willis, General Manager

SUBJECT: **ADOPT RESOLUTION NO. 2023-09 APPROVING THE PROPOSED FACILITY USE POLICY AND USER FEES**

RECOMMENDATION

It is recommended that the Board of Directors adopt Resolution No. 2023-09 approving the proposed Facility Use Policy in its entirety, which includes a proposed fee schedule for the use of the Waterwise Community Center property.

BACKGROUND

The District has historically made its facilities available to government agencies and/or non-profit organizations, based in and/or serving within the District boundaries, and in the water industry. These organizations have used the facilities primarily for educational, recreational, cultural, or social programs that benefit the community and its partners. The facilities that are available for use include the board room, education room, garden, Montclair Basin No. 4, garden, and Wilderness Park.

In recent years, the District's daytime use of the facilities has increased. On April 10, 2023, the Board approved a Facilities Use Agreement with the Montclair Chamber of Commerce for the "Night Under the Stars" fundraiser. This event was the first ticketed evening event allowed at the District which was used as a pilot for future events. Staff met after this event to discuss lessons learned and gather input to implement guidelines for future events. On October 9, 2023, staff provided a report on the pilot event, including input received by staff, and recommended that feedback be incorporated into a policy that would aim to provide guidelines for the appropriate and efficient use of District facilities to all parties involved.

DISCUSSION/ANALYSIS

Typically, access to facilities can be made available in accordance with established guidelines, as set by a Facility Use Policy, in exchange for applicable fees set and approved by the Board. The District doesn't currently have a Facility Use Policy in place but the need for one has become increasingly evident as the District has experienced a rise in requests to utilize its facilities for

various events. The policy has been carefully drafted to ensure that it outlines specific regulations, procedures, fees, priority systems for the permitted use of the District facilities and identifies the District as a "self-service" facility.

The Facility Use Policy provides general facility use information as well as specific general use policies, including:

- Eligibility requirements and groups;
- Approval process;
- Available facilities for use and provisions;
- Permissible uses;
- Scheduling, availability, and priority;
- Group requirements;
- Usage fees; and
- General use policies for all event types.

The policy would require the submittal of a Facility Use Application that contains the rental/event and applicant information needed to ensure a successful event, and that releases the District of all liability, including when exhibitors or vendors are contracted. The usage fees include a refundable deposit which the District would reserve the right to retain a portion, or all, to cover loss/damages to the facilities or its furnishings; rentals that exceed the reserved time, or non-compliance with the terms of use. Groups 1, which consist of Government agencies and/or non-profit organizations, based in and/or serving within the District boundaries and in the water industry would not be assessed a usage fee, but would be assessed board room clearance fee and/or if staff assistance is required during the event. Group 2, which consists of Government and/or non-profit organizations outside and/or not serving within the District boundaries and not in the water industry, would be assessed a usage fee, a board room clearance fee, and staffing fees. The fees charged would off-set the operating expenses of the District. This policy would authorize the general manager, or his/her designee, to approve the use of the District facilities for groups 1 and 2 via the Facility Use Application process. Large daytime events and/or evening events, including events involving the consumption, distribution, and/or sale of alcohol may require a Facility Use Agreement, at the discretion of the General Manager and/or designee.

Staff recommends approval of this facility use policy to proceed with implementation. Once approved, staff will distribute the policy to management and post it on the website to ensure a smooth transition and understanding of the new guidelines.

FISCAL IMPACT

No fiscal impact is associated with approving a Facility Use Policy. Staff will assess user fees that would off-set any operating expenses of the District.

ATTACHMENT(S)

1. Resolution No. 2023-09 Approving the Proposed Facility Use Policy and User Fees

ATTACHMENT 1

RESOLUTION NO. 2023-09

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CHINO BASIN WATER CONSERVATION DISTRICT APPROVING A FACILITY USE POLICY AND USER FEES

WHEREAS, the Chino Basin Water Conservation District ("the District") has received an increase in facility use requests; and

WHEREAS, currently facility usage has been approved on a case-by-case basis and the District would like to ensure regulations are applied fairly and equitably when loaning and/or renting its facilities; and

WHEREAS, the Chino Basin Water Conservation District desires that the Waterwise Community Center, Demonstration Garden, and Wilderness Park be used appropriately as a valued community asset;

NOW THEREFORE, THE BOARD OF DIRECTORS OF THE CHINO BASIN WATER CONSERVATION DISTRICT HEREBY RESOLVES, FINDS, AND DECLARES AS FOLLOWS:

SECTION 1. **Purpose and Authority**. The purpose of this Resolution is to adopt a Facility Use Policy (attached as "Exhibit A") in its entirety and authorize the General Manager and/or designee to maintain regulations in accordance with the policy.

SECTION 3. **Effective Date**. This Resolution shall take effect immediately upon its adoption by the Board of Directors and the Board Secretary shall certify to the passage and adoption of this Resolution.

PASSED, APPROVED, AND ADOPTED this 11th day of December 2023.

AYES:
NOES:
ABSTAIN:
ABSENT:

_____
Mark Ligtenberg, Board President

ATTEST: _____
Elizabeth Willis, Board Secretary

Exhibit(s):

- Exhibit A – Facility Use Policy

CHINO BASIN Water Conservation District | Waterwise Community Center

FACILITY USE POLICY

A. GENERAL INFORMATION

The Chino Basin Water Conservation District (herein after referred to as "District") facilities are intended primarily for social, cultural, educational, or recreational, or professional development activities that benefit the community and its partners. The Board Room is the official meeting place of the Chino Basin Water Conservation District Board of Directors ("Board").

The Facility Use Policy outlines specific regulations, procedures, fees, and priority systems for the permitted use of the District facilities. Any permits, fees or deposits established by the District shall be paid by the applicant before the date of the event. Failure to make a payment prior to deadlines established herein will result in permit cancellations.

The District is not responsible for personal injuries, or for any lost or stolen property. This policy may be modified from time to time, and facility users will be required to comply with the most current requirements.

B. ELIGIBILITY AND GROUPS

All events must align with the District's goals or initiatives, including but not limited to social; cultural, educational, recreational, or professional development activities. The facilities are not available for partisan political meetings, sectarian religious meetings, or for the direct financial benefit of private individuals or commercial enterprises. The District reserves the right to exclude or remove activities it deems inappropriate for public use.

Government agencies and/or non-profit organizations, *based in and/or serving within the District boundaries and in the water industry*, **hereby referred to as Group 1**, are eligible to book the District facilities for events.

Government and/or non-profit organizations *outside and/or not serving within the District boundaries and not in the water industry*, **hereby referred to as Group 2,** are eligible but subject to approval by the General Manager, or his/her designee.

- **Daytime Events:**
  Small daytime events may be held during regular the business hours of Monday – Saturday, 8:00 a.m. – 5:00 p.m. (including setup and clean up)and Board Room furniture shall remain as is.

  Large daytime events may be held during regular business hours as well and District staff will be available to clear the Board Room, to allow room for additional equipment rentals and/or third-party exhibitor setup, for a fee of $200.

- **<u>Evening Events</u>:**
  Evening events will be limited to two (2) events per year for non-water industry organizations and may be held outside regular business hours on Monday – Friday.

Events will be limited to one (1) booking per month; bookings are *not* available during the field trip season of October – May. Additionally, access to public areas shall not be restricted to the general public/visitors (e.g., garden, amphitheater, Wilderness Park). Specifically, though, the garden may be restricted to the public during an evening event.

C. APPROVAL

The General Manager, or his/her designee, may approve the use of facilities for Groups 1 and 2 only. Large daytime events and/or evening events, including events involving the consumption, distribution, and/or sale of alcohol may require a Facility Use Agreement, at the discretion of the General Manager and/or designee.

D. AVAILABLE FACILITIES AND PROVISIONS OF THE POLICY

<u>Facilities available for use include:</u>

No.	Facility	Capacity	Equipment Included (if any)
1.	Board Room	246	24 board room tables w/wheels; 48 chairs; access to AV system for daytime events only which includes projector screen, 2 flat screen TV's, podium, & 1 handheld microphone; evening events only include the 2 flat screen TV's and are not guaranteed. (***Room comes set up <u>as is,</u> Classroom Style). No outside equipment/laptops allowed***)
2.	Education Room	68	District furniture (6 tables and 35 chairs – **existing setup only**)
3.	Montclair Basin No. 4	-	None
4.	Garden	-	None
5.	Wilderness Park	-	None

The District facilities provide the following as specified on the Application and/or Facility Use Agreement:

1. Use designated space and public areas as specified in the Facility Use Application.
2. Fees will apply for use of facilities.
3. The District is a self-service facility.
4. The District will have three (3) rectangular tables available for sign-in/food, but must be set up by the Applicant.
5. The District does not have any other tables/chairs available for use or rent.
6. Audio-Visual (AV) equipment. The District's AV equipment may <u>*not*</u> be disconnected at any time, this includes the District computer desktop/laptop.

E. PERMISSIBLE USES: APPROPRIATE AND INAPPROPRIATE CONDUCT

1. The District reserves the right to deem any activity inappropriate.
2. The facility use shall be for the purposes of conducting social, cultural, educational, or recreational, or professional development activities that align with the District's goals or initiatives.
3. To avoid appearance that the District is endorsing a particular candidate or initiative, campaign events are not allowed.
4. No reservations are allowed for memorials, funerals, vigils, repass services, viewings, or other rentals that pertain to a ceremony honoring a person who has passed away.
5. No overnight use is allowed.
6. No unleashed pets are allowed within the facilities.
7. All activities shall be conducted in accordance with applicable laws, rules, regulations, and District Policy.
8. No persons shall willfully mark, deface, disfigure, tamper with, displace, or remove any part of the District, or the contents therein.
9. The hanging of event signage outside of the District facilities is strictly prohibited.
10. The use of free-standing propane heaters will be addressed on a case-by-case basis.
11. Use of any type of candles or pyrotechnic devices on District Facilities are not permitted.
12. All doors and emergency exits must remain unobstructed.
13. Courtesy and safety are expected. Equipment abuse, profanity, and fighting are unacceptable behavior and may result in expulsion from the District Facilities.
14. Children under the age of 18 must be supervised by an adult while in the facilities. An adult chaperone (21 years of age or older) will be required for every 10 youths (17 years or younger) attending an event. A list of chaperones may be required by staff prior to approving the Facility Use Agreement.
15. If Applicant refuses to comply with the District's Facility Use Policy or follow the request of a District staff member, the Montclair Police Department will be contacted for assistance. If Police are called your rental may be terminated immediately without refund.

F. SCHEDULING, AVAILABILITY, AND PRIORITY

1. The District's hours of operations are Monday through Saturday from 8:00 a.m. – 5:00 p.m. Usage availability shall vary during select hours, space permitting, as specified in the Facility Use Application/Agreement.

    a. Facility usage is available Monday through Saturday from 8:00 a.m. to 5:00 p.m. (including setup and cleanup), space permitting.
    b. Facility usage is not available during District recognized holidays nor on Sundays.
    c. Usage outside the District's hours of operation shall be pre-approved by the General Manager, or his/her designee (staffing fees may apply).

2. District-sponsored or co-sponsored uses shall have first priority; Group 1 has second priority, and Group 2 has last priority. In the event of a scheduling conflict, the General Manager, or his/her designee, reserves the right to reschedule any Applicant's reservation.
3. Facility reservations may be booked up to six (6) months in advance. Approval for use will be on a first come, first served basis and will depend upon space availability.

G. GROUP REQUIREMENTS

All events are subject to a Facility Use Application and approval process. Groups are subject to usage fees as described in "Section H. Usage Fees".

Outside exhibitors that will participate in any event shall sign an Exhibitor Agreement (Exhibit "B") releasing the District of any liability. Outside vendors and/or contractors that will participate in the event, shall sign a Vendor Agreement (Exhibit "C") and shall procure their own liability insurance as outlined in the indemnification and insurance requirements.

H. USAGE FEES

Usage fees may, apply as shown on the table below, for the use of the following facilities: Board Room, Education Room, Montclair Basin No. 4, Garden, and/or Wilderness Park.

Usage Fees	Group 1	Group 2
Deposit	$150 flat rate (*not required for small daytime events*)	$150 flat rate
Board Room	No Charge	$50 per hour
Education Room	No Charge	$35 per hour
Montclair Basin No. 4	No Charge	$35 per hour
Garden	No Charge	$35 per hour
Wilderness Park Permit Fees	Applicant is responsible for obtaining permit with the City of Montclair	Applicant is responsible for obtaining permit with the City of Montclair
Board Room Clearance Fees	$200 flat rate	$200 flat rate
Staffing Fees	$65 per hour	$65 per hour
Security Guard(s)	Applicant responsibility	Applicant responsibility
Liability Insurance Fees	Applicant responsibility	Applicant responsibility
Liquor Liability Insurance Fees	Applicant responsibility	Applicant responsibility
Special Event Insurance Fees	Applicant responsibility	Applicant responsibility

All other regulations and fees regarding facility use, including, but not limited to, **insurance requirements, special event liability, alcohol, catering, deposits, security, and staffing, that may** apply to these events, are *not* the responsibility of the District, unless otherwise specified on the Facility Use Application / Agreement.

I. GENERAL USE POLICIES

These policies are for the use of District-owned or controlled community facilities. All users shall comply with City, State and Federal laws, including but not limited to the District policies.

Application Process

1. The applicant must be a minimum of 18 years of age, and submit a complete Facility Use Application to the District at least 30 business days prior to requested date of use, but no more than six (6) months. Events co-sponsored with the District may request use up to twelve (12) months in advance.
2. The Applicant shall be classified and assigned a Group Classification in accordance with the definitions and priority ranking set forth in "Section B" of this policy.
3. Upon approval of an application, a "Facility Use Agreement" may be issued authorizing the requested use of the facility.

Applicant Responsibilities

1. Applicant and/or representative must participate in a mandatory walk-through two weeks prior to the event.
2. Applicant or someone from the Applicant's party must be present to accept all deliveries and/or pickup of rented equipment within the reserved time; District staff is not authorized to sign or accept any deliveries.
3. Applicant shall coordinate/direct all event vendors/rental service companies as to the designated loading/unloading area/pickup, per the walk-through, for rental equipment/supplies.
4. Applicant is responsible for ensuring that all rentals are delivered or picked up during the scheduled rental period.
5. Applicant is responsible for making sure that all vendors follow facility rules and regulations.
6. Applicants must provide additional equipment that is ***not*** provided by the District at the group's own expense. Such items may include but are not limited to office phones, desks, copy machines, printers, extension cords, HDMI cords, whiteboards, tables, chairs, linens/tablecloths, and any other item not provided by the District. **Only equipment, as described in "Section D., Table 1", will be provided by the District**.
7. Applicant is fully responsible for setting up equipment not included with the facilities, including table, chairs, decorations, etc. If Applicant wishes to use the three tables provided for sign-in/food, the Applicant shall retrieve them from the storage area off the lobby and set them up.
8. Applicant is required to provide a list that within two weeks of event of all event/service/rental vendors, such as equipment rentals (i.e., tables, chairs, caterers, food vendors, outdoor heaters, entertainment, etc.) who will be entering the facility to assist in event set-up. The list shall include the vendor information, such as company name, date/time frame scheduled to enter the facility. Where an event is booked with less than 30 days' notice, upon approval of the General Manager or his/her designee. *The Applicant must provide vendor information and vendor proof of insurance within 48 hours of booking. Any vendor not on this list will not be allowed to enter and deliver items.*
9. Applicant is responsible for submitting Exhibit Agreements releasing the District of any liability and/or Vendor Agreements with their own liability insurance.
10. Applicant is responsible for monitoring, regulating, and/or terminating the volume of amplified sound so as not to not disrupt District operations or residents. All amplified sound must cease no later than 10:00 p.m.
11. Applicant is responsible for leaving the facility and its contents in the same condition in which these

were found.

12. Applicant is responsible for cleaning and/or wiping down District equipment such as Board Room tables, chairs, spills, and removing all decorative items brought for the event.
13. Applicant is responsible for recycling and depositing all trash into appropriately labeled trash receptacles. Users who will have food sold or served as part of their reservation are required to recycle all food waste (organic waste) into labeled food waste receptacles. Dependent on the nature of the event, District staff may require applicant to develop a recycling plan and any additional trash and recycling services and deposit trash in the dumpsters, in addition to District's current service levels, at the applicant's expense.
14. Applicant may not move, rearrange, or alter any District equipment and/or furniture, this includes the Board Room podium.
15. Post-function: Applicant must ensure the removal of all non-District equipment and decorations from the facility at the conclusion of the function. Exceptions can be made for late evening events for equipment from rental companies, with the approval of District staff. Items must be picked up by the opening of the facility the following day and applicant or approved event contact must be on site to ensure pickup of items.

Cancellations

Any reservation may be cancelled by the District with written notice for use by District sponsored programs, with a full refund of all fees and deposits made. Rentals dealing with inclement weather will be addressed on a case-by-case basis.

All cancellations must be submitted in writing. All cancellations are subject to the current refund processing fee, as shown below:

Written Cancellation Notice	Facility Deposit Refund	Facility Use Fee Refund*
30 Days or more	0%	100%
29 Days - 15 Days	0%	50%
14 Days or Less	0%	No refund

*Less costs incurred by the District.

Deposit

Applicant agrees to take full responsibility for the behavior by guests during the rental period. The District reserves the right to retain a portion of, or all, the security deposit to cover loss, damages to the facilities or its furnishings, or when the applicant is non-compliant with the terms of use. Rentals that exceed the reserved time period will be charged the hourly rate to be deducted from the deposit. Failure to leave the facility in satisfactory condition will result in deposit forfeiture and potential further recovery of District costs to restore the facility to a good condition, if the deposit amount is not adequate to do so.

All deposits are fully refundable after the event if the following criteria are met:

- There is no damage to the facility and/or property.
- There is no additional District staff time required to clean or repair the facility and/or included equipment, as a result of the event.
- The hours of usage do not exceed those paid for and agreed upon in the rental agreement.

- Only the rooms designated on the rental agreement were used.
- Police and District Staff intervention was not required as a result of the event.

All refunds including deposit may take up to four weeks to process and will only be refunded to the person renting the facility.

Usage Fees and Payment

1. The District assesses usage fees based on the event's Group classification, as defined in "Section H, Usage Fees".
2. All facility deposits are due within 15 business days of the execution of the Facility Use Agreement/ Application.
3. All usage fees are due within 10 business days of the execution of the Facility Use Agreement/Application.
4. All fees, including deposit, will be processed (deposited) as received.
5. All payments shall be made by check only made payable to the "Chino Basin Water Conservation District".
6. If payment of fees is not met the District reserves the right to consider the event cancelled and subject to cancellation charges. The facility will be released and available for rent.

Set Up and Clean Up

1. The District is a self-service facility.
2. The Board Room and Education Room come as is. The Board Room default configuration is the existing Classroom Style setup, which includes 24 rolling tables and 48 chairs; ***no additional configurations are available.***
3. Clearing the Board Room of the existing tables/chairs will incur a $200 fee. If the Board Room is cleared, the applicant is responsible for setting/clearing up their own equipment; *the Education Room cannot be cleared of its existing equipment.*
4. Requested times on the rental request must include set-up and clean-up times, as access to the facilities is only granted at the requested start/end times.
5. Temporary identification signs may be placed within the facility borders while the facility is being used, not before or after (not in the public right of way). User must remove all signage at the conclusion of the activity. Signs may not be attached to any District owned facility if such placement will cause damage. No pins, nails, or duct tape are allowed. Event holders must use painters' tape only.
6. Applicants are not permitted to use decorations which would damage or discolor the facility or grounds.
7. All decorations must be non-combustible or non-flammable material, or shall be treated or maintained in a flame retardant condition.
8. Usage fees will apply and may be deducted from the deposit if District staff are needed to set-up and/or clean-up for the event.
9. Applicant is responsible for cleaning and/or wiping down District equipment such as tables, chairs, spills, and removing all decorative items brought for the event.
10. Trash must be placed in the receptacles provided. Trash that does not fit in the trash receptacles provided must be disposed of off-site by the Applicant.

Food and/or Non-Alcoholic Beverage Guidelines

1. Food must be cooked off site.

2. Food setup and clean-up is the responsibility of the applicant.
3. All trash and garbage should be placed in the trash dumpster outside the facilities at the end of the event.
4. All leftover food must be removed from facility unless prior approval from CBWCD has been given to leave it. No food items may be stored for pick-up at a later date.
5. The District assumes no responsibility for the preparation and service of any food items.
6. It is the responsibility of the rental group to provide serving trays and dishes, paper products, utensils, water, soft drinks, coffee/supplies, and all other catering items. The use of the kitchen sink, microwave, and refrigerator (space permitting) may be requested for use; stove/oven is not available for use. All contents should be left in the same condition as originally found.
7. Bottle filling station is available in the lobby. Its use is highly encouraged for guests. The Applicant must supply cups.

Event/Service Vendors and Rental Services

1. The District does not directly contract with any vendors for rentals.
2. Failure of vendors or rental services to follow policies could result in partial or full forfeiture of damage deposit.
3. There is no onsite storage available before or after rentals.
4. Overnight storage must be preapproved by the General Manager. The Applicant must have someone present to store items in the preapproved location ***and*** to move items from the preapproved location to final placement, with their own staff. All items must be stored/moved within regular business hours. A Staffing fee will apply to cover a member of the District staff assisting with moving stored items.
5. If storage is permitted, the District will not be held responsible for the loss, damage, or theft of equipment.

Limitations on Liability

1. The District shall not accept any legal responsibility for any act or incident arising from use of its property or equipment by any organization or group.
2. The District is not and shall not be held responsible for the loss, damage or theft of equipment or articles owned or controlled by Applicants, Applicant's vendors, or Applicants' guests.

Liability Responsibility-Waiver and Release

In consideration of the acceptance of the application to rent the District facilities, the user waives, releases and discharges any claims for damages, for death, for personal injury or property damage which any person associated with the permitted use may have against the District as a result of the User's activities. This release is intended to discharge the District, its agents, and employees from and against any and all liability arising out of or connected in any way with User's activities, even though the liability may arise out of carelessness or negligence on the part of the District or persons named above. User must further agree to indemnify and hold harmless and defend the District and its officers, agents, authorized volunteers, servants and employees from any and all claims resulting from injuries, damages and losses sustained arising out of or in any way associated with the rental or use of any District, property, park or other facility.

Applicants must provide the District with proof of insurance within 10 business days after the execution of the Facility Use Agreement/Application, consisting of a Certificate of Liability and an additional insured endorsement of comprehensive general liability insurance. The coverage must include the following:

1. Name the District its officers, agents, employees and volunteers as additionally insured against liability to persons, damages to property and for the death of a person arising or resulting from any act or omission on the part of your organization, its agents or employees.
2. Comprehensive General Liability Insurance policy limits of such insurance shall not be less than $1,000,000 per occurrence for bodily injury, personal injury, and property damage.
3. Automobile Liability Insurance policy limits of such insurance shall not be less than $1,000,000 per accident for bodily injury or disease.
4. Waiver of Subrogation – the event holder and the insurer(s) must agree to waive all rights of subrogation against the District, its directors, officers, employees, and authorized volunteers for losses aid under the terms of this policy which arise from use of the premises and facilities by the Event Holder and Named Insured and/or participants.
5. Each endorsement shall be subject to the approval of the District. The endorsement must specifically list the following:
   - "The District, its officers, agents, employees and volunteers are additional insured."

You are encouraged to show this language to your insurance agent to ensure this language is included, as required. Any rentals selling alcohol require a liquor liability endorsement to the user's General Liability Insurance.

Alcohol Guidelines

A written plan for how alcohol will be served, if it will be available for purchase or included in the price of the ticket, and therefore the appropriate type of coverage must be provided to the District for the District's review and approval at least 60 days prior to the event. No District staff member shall be involved in the sale or distribution of alcohol at the event.

Serving of Liquor/Alcohol: No hard liquor is to be served at the District. "Soft" alcohol, including wine and beer, may be served if the Event Holder provides proper insurance coverage and follows the guidelines listed below.

The following guidelines regarding the serving of alcohol must be followed:

1. A written plan describing how alcohol will be served during the event and therefore who will provide liquor liability coverage, naming the District additionally insured, is due to the District for its review and approval at least 60 days prior to the event date.
2. Notify the Montclair Police Department about the event and the intent to serve alcohol prior to the event. If there is an issue (alcohol related or not), it is good to brief law enforcement the particulars of the event. Minimum information to provide them would be how many people will attend, the location, and that alcohol will be allowed for those that are 21 and older.
3. Implement a check-in process to check IDs of guests and ensure only people 21 and older will consume alcohol. Provide wrist bands or drink tickets to those of age to ensure that only people 21 and older can drink, and to prevent overindulgence.
4. Ensure that the location of the event is secure. Also, the checklist can be used to ensure areas that are off limits are secured for the event. The garden gates will be closed and locked during the event, allowing only the front entrance of the Waterwise Community Center as a point of entry to the event.
5. Hire a third-party security guard to monitor guests and intervene, if necessary, should an incident occur.

6. Hire a licensed bartender to guard against guests becoming over-served and obtain the appropriate ABC liquor license for serving alcohol at a one-time event. A copy of the license shall be given to the District for its files. The entity may also work with a vendor that holds a liquor license rather than obtaining an ABC liquor license.
7. Post signs at all potential exits informing guests that no alcohol is permitted beyond that point.

Liquor Liability: If Event Holder is using a caterer or other vendor to supply alcohol that vendor must have liquor liability coverage. Liquor liability naming the District as additionally insured can be supplied by the event holder or the liquor vendor. We do not need both.

If Event Holder intends to sell alcohol, either the Event Holder or vendor providing the alcohol for sale must have a valid liquor sales license and liquor liability insurance covering the sale of alcohol.

If Event Holder will be supplying alcoholic beverages; the commercial general liability insurance shall include host liquor liability coverage in lieu of Liquor liability.

Security

1. The District reserves the right to require security measures and personnel for any event.
2. Security services will be arranged and paid for by the applicant. Based on the nature of activities, the number of participants, and alcohol provision, additional staff or security guards may be required.
3. District staff, Law Enforcement, or security guards present at a rental activity may ask attendees to vacate the facilities if they do not adhere to facility rules.

Parking

1. Parking is allowed in designated parking spots only. There is no fee for parking at the District. Charging for parking is prohibited. The District is not responsible for any lost, stolen, or damaged items or vehicles in the District parking lots.

EXHIBITS:

- **Exhibit A – Facility Use Application**
- **Exhibit B – Exhibitor Agreement**
- **Exhibit C – Vendor Agreement**
- **Exhibit D – Facility Use Agreement**
  (All associated Exhibits may be updated at the discretion of the General Manager and legal counsel approval)

CHINO BASIN Water Conservation District | Waterwise Community Center

FACILITY USE APPLICATION

Chino Basin Water Conservation District (herein after referred to as "District") has meeting spaces which are available for use by applicants. The Waterwise Community Center (herein after referred to as the WCC) has the following rooms available for use. Wi-Fi is included with rental use.

SELF-SERVICE FACILITY

The WCC IS A SELF-SERVICE FACILITY, please see below for details:

1. **Room Setup/Configuration** – the District is a self-service facility; therefore, the Applicant is responsible for leaving the facilities in the same condition in which originally found. The Board Room and Education Room come as is. The Board Room's default configuration is the existing Classroom Style setup, which includes the existing 24 tables and 48 chairs, as listed in ***Table 1: Facilities & Equipment Available for Use***. ***No additional configurations are available***. **Clearing the room of the existing tables will incur a $200 fee (Please refer to *Table 2: Usage fees*). If the Board Room is cleared, the applicant is responsible for setting/clearing up their own equipment.**
2. **Set up and Clean Up** – all set up/clean up time must be included in the reservation request time. Access to the building is only granted at the requested start time, as described in the application. If it's a daytime event, the event should be cleared by 5:00 p.m. (including setup and clearing the room). If the event is not cleared, by 5:00 p.m., a staffing fee will apply to offset for staff overtime.
3. The District requests that each participating Applicant shall designate one person to handle all communications and transactions with the District staff, including the walk-through.

    a. The Designee shall be present to accept/coordinate deliveries of rented equipment, furniture and supplies, including loading/unloading, and shall be present on the day of the event to coordinate all staff, vendors, exhibitors, and volunteers working on the event.

4. Food and non-alcoholic beverages are permitted. If food and/or non-alcoholic beverages are served:

    a. All set up and cleanup of food is the responsibility of the applicant.
    b. All trash and garbage should be placed in the trash dumpster in the parking lot at the end of the event.
    c. All food must be cooked off site.
    d. The District assumes no responsibility for the preparation and service of any food items.
    e. All leftover food must be removed from the facility unless prior approval from CBWCD has been given to leave it.
    f. It is the responsibility of the rental group to provide serving trays and dishes, paper products, utensils, water, coffee/supplies, bottle/wine/can openers, and all other catering items. The use of the kitchen sink, microwave, and refrigerator (space permitting) may be requested for use; stove/oven is not available for use. All contents should be left in the same condition as originally found.
    g. Bottle filling station is available in the lobby, highly encouraged for guests: applicant must supply cups.

5. The District will only **supply equipment listed in Table 1**, per each facility. The District will not be responsible for providing additional equipment (i.e., round tables, folding chairs, linens, etc.) and the Applicant must adhere to the following:

   a. If the listed equipment will not be used, the Applicant must specify that in the "Rental/Event Information" section of the application. District staff will clear the room for an additional fee (applies to Board Room).
   b. Applicants must provide additional equipment that is not provided by the District at their own expense. Such items may include but are not limited to office phones, desks, copy machines, printers, extension cords, HDMI cords, whiteboards, tables, chairs, table cloths/linens, decor, and any other item not provided by the District. Only equipment, as described in Table 1, will be provided by the District.
   c. Setup/cleanup of all equipment/decorations/supplies/food is the responsibility of the applicant.
   d. Applicant must remove all outside equipment from the premises on the same day as the event. **Note: If the event is in the evening, items must be removed prior to 10:00 a.m. the following day**.

AVAILABLE FACILITIES AND EQUIPMENT

The WCC offers usage of the Board Room, Education Room, Montclair Basin No. 4, and Garden during select hours, space permitting, on the following days: Monday through Saturday from 8:00 a.m. to 5:00 p.m. (including setup and clearing the room). The Wilderness Park usage is available Monday through Saturday from 8:00 a.m. to 5:00 p.m. through the City of Montclair. ***Access to the Garden and Wilderness Park may not be restricted to the public during usage.***

Usage outside the District's hours of operation shall be pre-approved by the General Manager, or his/her designee (*staffing fees may apply, as listed in Table 2*). Usage is not available on Saturday evening, Sundays nor on Federal Holidays.

Location and Parking
4594 San Bernardino Street
Montclair, CA 91763

A parking lot is available on the west side of the building (37 spaces + 2 handicaps). There is also free street parking available.

Table 1: Facilities & Equipment Available for Use

Facility	Capacity	Equipment Included (if any)
Board Room	246	24 board room tables w/wheels; 48 chairs; access to AV system for daytime events only which includes projector screen, 2 flat screen TV's, podium, & 1 handheld microphone; evening events only include the 2 flat screen TV's and are not guaranteed. (***Room comes set up as is, Classroom Style). No outside equipment/laptops allowed***)
Education Room	68	District furniture (6 tables and 35 chairs – ***existing setup only***)
Montclair Basin No. 4	-	None
Garden	-	None
Wilderness Park	-	None

Table 2: Usage Fees

Usage Fees	Group 1	Group 2
Deposit	$150 flat rate (*not required for small daytime events*)	$150 flat rate
Board Room	No Charge	$50 per hour
Education Room	No Charge	$35 per hour
Montclair Basin No. 4	No Charge	$35 per hour
Garden	No Charge	$35 per hour
Wilderness Park Permit Fees	Applicant is responsible for obtaining permit with the City of Montclair	Applicant is responsible for obtaining permit with the City of Montclair
Board Room Clearance Fees	$200 flat rate	$200 flat rate
Staffing Fees	$65 per hour	$65 per hour
Security Guard(s)	Applicant responsibility	Applicant responsibility
Liability Insurance Fees	Applicant responsibility	Applicant responsibility
Liquor Liability Insurance Fees	Applicant responsibility	Applicant responsibility
Special Event Insurance Fees	Applicant responsibility	Applicant responsibility

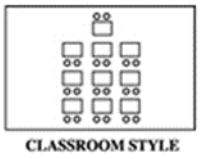
Group 1: Government agencies and/or non-profit organizations, *based in and/or serving within the District boundaries and in the water industry* are eligible to book the District facilities for events.

Group 2: Government and/or non-profit organizations *outside and/or not serving within the District boundaries and not in the water industry*, are eligible but subject to approval by the General Manager, or his/her designee.

EXHIBIT A

Criteria	Daytime Event - Small	Daytime Event - Large	Evening Event
Qualifications	*The event must meet **ALL** of the below criteria to qualify as a small event.*	***ANY ONE** of the below criteria qualifies an event as a "large event."*	*Any event that includes activities after 5pm is considered an evening event.*
Timing	Occurs between 7a.m. – 5:00 p.m. Monday – Friday, including set up and clean up.	Any event occurring on a Saturday between 8 a.m. – 5:00 p.m.	Occurs anytime 5pm – 10pm, Monday – Friday, including clean up.
Length	No longer than three (3) hours.	Any event longer than three (3) hours.	Clean up must be completed by 10pm to respect noise in the neighborhood and the time of District staff.
Location	Board Room only.	Any event using the Board Room, Education Building, Garden, Park, or Montclair 4 Basin.	Only the Board Room and parts of the Garden may be used.
Set Up	**Board Room stays in Classroom style.**	Any event that requires clearing the Board Room for rented furniture.	The Boardroom is required to be cleared for evening events that are not co-sponsored by the District.
Type of Event	Speakers/Panels/Trainings	Any event that includes multiple third-party exhibitors or vendors.	Fundraisers for qualifying 501(c)3 non-profit organizations located in and/or serving the District's service area.
Food	Food and non-alcoholic beverages may be served.	Food and non-alcoholic beverages may be served.	Food and alcoholic beverages may be served, pending written approval and the strict adherence to District guidelines for events serving alcohol.
Insurance Requirements	**(1) General Liability Insurance** naming the District as additionally insured.	**(1) General Liability Insurance** naming the District as additionally insured from the event holder **AND** from each of the vendors/exhibitors. Alternately, the event holder may pay an additional fee per exhibitor to add them to the District's event insurance plan (the event holder must still furnish their own GL insurance certificate).	**(1) General Liability Insurance** naming the District as additionally insured. **(2) Liquor Liability Insurance** naming the District as additionally insured. This is separate from either a commercial or ABC liquor license, either of which must also be furnished.
Cost	• No cost, pending GM approval. • **$65** per hr. staffing fee **(**may apply to cover a member of the District staff working the event and/or using overtime hours after 5:00 p.m.).	• **$150** refundable deposit. • **$200** fee to clear the Board Room. • Usage fees will apply to Group 2 *(see usage fees).* • **$65** per hr. staffing fee **(**may apply to cover a member of the District staff working the event and/or using overtime hours after 5:00 p.m.).	• **$150** refundable deposit. • **$200** fee to clear the Boardroom. • Usage fees will apply to Group 2 *(see usage fees).* • **$65** per hr. staffing fee (may apply to cover a member of the District staff working the event and/or using overtime hours after 5:00 p.m.)

RENTAL/EVENT INFORMATION

Facilities Requested *(check all that apply)*	**Board Room Setup/Configuration** *(**Fee will apply to clear the room of existing tables/chairs check one)*	
☐ Board Room ☐ Education Room ☐ Montclair Basin No. 4 ☐ Garden ☐ Wilderness Park	☒  24 tables, 48 chairs ☒ **Clear the Board Room**	**NOTE:** The Board Room comes with the existing Classroom Style setup, which includes the existing 24 tables and 48 chairs, as listed in Table 1. ***No additional configurations are available.*** **A $200 fee will apply to clear the room.

Equipment Needed
(The equipment below is *not* included in the usage, but available upon request)

☐ AV System (*Board Room only*)	☐ Projector Screen (*Board Room only*)
☐ TV Access	☐ Podium/Microphone (1)
☐ WI-FI Internet Access	☐ 3 Tables for Sign-in & Food Service

NOTE: Please note that although the AV equipment is not included as part of the usage, the District will allow the use of the equipment upon request. No additional usage fee will be assessed, but the District is not responsible for AV equipment malfunction (for daytime events only), as IT staff is not available.

Outside equipment may not be compatible with our AV system; therefore, we recommend bringing a flash drive to connect to the District's laptop.

Projector & screen (full size VGA & HDMI connectors for District computer/laptop. If your laptop has "mini" jacks, bring your own cords to connect w/a full-size VGA jack or full-size HDMI).

No additional equipment is available.

Building access is granted at the requested start time. **Please include all set up/clean up time required on the next page.** Please be advised, deliveries will not be accepted outside the reservation time. (*Extra time may be charged per hourly rate)*

Name of Event: _____

Approximate No. of Attendees: _____

EXHIBIT A

Day of Week	Requested Date	Setup Start Time	Event Start Time	Event End Time	Clean Up End Time

APPLICATION INFORMATION

Organization Name: _____

Address: _____
(Street) (City/State) (Zip)

Applicant Name/Title: _____

Contact No.: _____ Email: _____

Day of Event Contact Name.: _____ **Day of Event Contact No.:** _____

Additional Rental Information:

Type of function: _____

☐ Day Time ☐ Evening

Will the event include Exhibitors? Yes ☐ No ☐ If yes, how many? _____

Will the event include Vendors? Yes ☐ No ☐ If yes, how many? _____

Will the event be catered? Yes ☐ No ☐ Open to the Public? Yes ☐ No ☐

Will you be serving alcohol? Yes ☐ No ☐ Selling alcohol? Yes ☐ No ☐

Will children attend? (under 18 yrs. old) Yes ☐ No ☐ If yes, how many? _____

Admission fee? Yes ☐ No ☐ If yes, purpose of fee? _____
(if the event requires an admission fee, tickets must be publicly available)

Note: Events serving/selling of alcohol will require security services and additional event insurance; ONLY beer, wine, & champagne are permitted.

Staff note, per items checked above, event qualifies as:

☐ **Daytime Small** ☐ **Daytime Large** ☐ **Evening**

GENERAL POLICIES & PROCEDURES

1. **Priority** – priority for use of the facilities will be given to the 1) District; 2) Government Agencies and/or non-profit organizations serving within the District boundaries and in the water industry; and 3) Government Agencies and/or non-profit organizations outside the District boundaries and not in the water industry.

2. **Facility Use Application** ("Application") – shall be submitted at least 30 business days in advance of a requested use, but no more than up to six (6) months. Co-sponsored events may request use up to twelve (12) months in advance. ***The completed application shall be submitted to the Administrative Services Manager for review and approval.***

3. **Deposit** – a $150 deposit is due 15 business days after the execution of the Facility Use Agreement/ Application. Deposits are charged separately and cannot be applied to rental fees. The District reserves the right to retain a portion of, or all, the security deposit to cover loss, damage, or when the Applicant is non-compliant with the terms of use (i.e., exceeds the reserved rental period of the facility, staff time is required to clean/repair/assist in the event, additional usage was needed, etc.). Should the cost of recovery be more than the security deposit on hand, the Applicant is responsible for paying the difference and will be invoiced for such.

4. **Usage fees** – due 10 business days after the execution of the Facility Use Agreement/Application. Staffing fees may apply for staff needed outside of the District's business hours.

5. **Certificate of Insurance** – due 10 business days after the execution of the Facility Use Agreement/Application. Applicants, at their own expense, will be responsible for providing proof of General Liability Insurance, (i.e., special event insurance) naming the District as an additional insured.

6. **Approval** – all applications are subject to approval by the General Manager, or his/her designee. ***Reservations will be confirmed by email within 14 business days of receiving the application***. Reservation will not be confirmed over the phone. Upon approval of an application, a Facility Use Agreement may be issued authorizing the requested use of the facility, subject to General Manager approval.

7. **Cancellation** – all cancellation requests must be submitted in writing and will *incur a cancellation fee for requests made 29 days or less prior to the requested date. Any reservation may be cancelled by the District with written notice for use by District sponsored programs, with a full refund of all fees and deposits made.*

8. **Request for Use** – applications to request facility use can be submitted to afernandez@cbwcd.org. Facilities will *not* be reserved until the application fee is received. Please call Alicia Fernandez, Administrative Services Manager, at (909) 626-2711 with any questions and to schedule a walk through.

CONDITIONS FOR USE

The following rules govern the use of facilities in the District. Violations may result in revocation of facility privileges. The Applicant agrees to abide by the rules as a condition of use, ***and all rules as outlined in the District's Facility Use Policy***: _____ (*initial*)

1. A mandatory walk-through with the appointed representative from the event holder is required and must be scheduled at least two weeks prior to the event.

2. To the fullest extent permitted by law, participating organization ("Indemnitor") agrees to and shall indemnify and hold harmless CBWCD ("Indemnitee") and its officers, directors, employees, agents, representatives, attorneys, contractors, and insurers from and against all demands, claims, actions, liability, damages, costs, charges, and expenses (hereafter, "claims"), including reasonable attorneys' fees, that are alleged, caused or related in any way to the Indemnitor's use of Indemnitee's facilities and property, including without limitation, liability for bodily injury or death, property damage or any other damage or loss, provided such damage, loss, or injury is not intentionally or willfully caused by Indemnitee or its staff.

RENTAL AGREEMENT

My signature certifies that I have read the policies and procedures and conditions of use as described above, and as set forth by the Chino Basin Water Conservation District's ("District") governing the use of the facility and any equipment described above, and that I have received a copy of the District's Facility Use Policy. I acknowledge the District's policies, procedures, and conditions for use as outlined above, and I will take full responsibility for ensuring that the use of this facility and areas by the event I represent is in full adherence and compliance with these rules and regulations. I further understand that as the applicant, I assume full responsibility for any penalty fees assessed by the District for any violations of these rules. I am also fully aware of the cancellation/refund policy and am aware that failure to properly clean the facility or any damage to the facility after my event may result in forfeiture of portions and/or all my security damage deposit.

Signature of Applicant: _____ **Date:** _____

OFFICE USE ONLY:

Application Approved: Yes: ____ No: ____ Date: _____

Group Classification: _____ Total Hours of Usage: _____
Facility Use Fee: $_____ Deposit Fee: $_____
Board Room Clearance Fee: $_____ Staffing Fees: $_____
Insurance/Special Event Fees: $_____ Other Fees: $_____

Approved by: _____ Signature: _____

CHINO BASIN Water Conservation District | Waterwise Community Center

EXHIBITOR AGREEMENT

The Chino Basin Water Conservation District (herein after referred to as "District") has allowed the use of its facilities in accordance with the approved Facility Use Application and/or Facility Use Agreement for the event listed below. The exhibitor must adhere to the District's rules and regulations and shall release the District of any liability per Section, "I. General Use Policies", of the District's Facility Use policy.

Please complete the information below:

EVENT INFORMATION

Organization Name:	
Event Name:	
Event Date/Time:	

EXHIBITOR INFORMATION

Exhibitor Organization Name:					
Exhibitor Contact/Title:					
Mailing Address:					
City:		**State:**		**Zip:**	
Business Phone #:		**Email Address:**			
Day of Event Contact Name:		**Day of Event Contact No.:**			

USAGE INFORMATION

Day of Week	Requested Date	Setup Start Time	Event Start Time	Event End Time	Clean Up End Time

Total Exhibitor Booth Hours: [enter hours]

LIABILITY RESPONSIBILITY-WAIVER AND RELEASE

To the fullest extent permitted by law, participating organization ("Indemnitor") agrees to and shall indemnify and hold harmless CBWCD ("Indemnitee") and its officers, directors, employees, agents, representatives, attorneys, contractors, and insurers from and against all demands, claims, actions, liability, damages, costs, charges, and expenses (hereafter, "claims"), including reasonable attorneys' fees, that are alleged, caused or related in any way to the Indemnitor's use of Indemnitee's facilities and property, including without limitation, liability for bodily injury or death, property damage or any other damage or loss, provided such damage, loss, or injury is not intentionally or willfully caused by Indemnitee or its staff.

By signing below, I/We acknowledge the terms and conditions set forth in this agreement, which have been read and accepted accordingly.

Signature of Exhibitor: _____ **Date:** _____

General Manager/Designee Signature: _____ **Date:** _____

Please send your signed form to:

[First & Last Name, Title]
[_____@cbwcd.org]
(909) 626-2711

CHINO BASIN Water Conservation District | Waterwise Community Center

VENDOR AGREEMENT

The Chino Basin Water Conservation District (herein after referred to as "District") has allowed the use of its facilities in accordance with the approved Facility Use Application and/or Facility Use Agreement for the event listed below. The Vendor/Company must adhere to the District's rules and regulations and shall procure their own liability insurance as outlined in the indemnification and insurance requirements in Section, "I. General Use Policies", of the District's Facility Use policy.

Please complete the information below:

EVENT INFORMATION

Organization Name:	
Event Name:	
Event Date/Time:	

VENDOR/COMPANY INFORMATION

Vendor/Company Name:					
Vendor Contact/Title:					
Mailing Address:					
City:		**State:**		**Zip:**	
Business Phone #:		**Email Address:**			
Day of Event Contact Name:		**Day of Event Contact No.:**			

USAGE INFORMATION

Day of Week	Requested Date	Setup Start Time	Event Start Time	Event End Time	Clean Up End Time

Total Vendor/Company Booth Hours: [enter hours]

INDEMNIFICATION & INSURANCE REQUIREMENTS

To the fullest extent permitted by law, participating organization ("Indemnitor") agrees to and shall indemnify and hold harmless CBWCD ("Indemnitee") and its officers, directors, employees, agents, representatives, attorneys, contractors, and insurers from and against all demands, claims, actions, liability, damages, costs, charges, and expenses (hereafter, "claims"), including reasonable attorneys' fees, that are alleged, caused or related in any way to the Indemnitor's use of Indemnitee's facilities and property, including without limitation, liability for bodily injury or death, property damage or any other damage or loss, provided such damage, loss, or injury is not intentionally or willfully caused by Indemnitee or its staff.

Minimum Insurance Requirements: Company shall procure and maintain for the duration of the contract insurance against claims for injuries or death to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the Company, his agents, representatives, employees or subcontractors. Company shall provide and maintain the following general liability, automobile liability, workers' compensation insurance:

Coverage: Coverage shall be at least as broad as the following:

1. **General Liability** - Insurance Services Office (ISO) General Liability Coverage (Occurrence Form CG 00 01) including products and completed operations, property damage, bodily injury, personal and advertising injury with limit of at least one million dollars ($1,000,000) per occurrence or the full per occurrence limits of the policies available, whichever is greater. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (coverage as broad as the ISO CG 25 03, or ISO CG 25 04 endorsement provided to Chino Basin Water Conservation District) or the general aggregate limit shall be twice the required occurrence limit.
2. **Automobile Liability** - Insurance Services Office (ISO) Business Auto Coverage (Form CA 00 01), covering Symbol 1 (any auto) or if Company has no owned autos, Symbol 8 (hired) and 9 (non-owned) with limit of one million dollars ($1,000,000) for bodily injury and property damage each accident.
3. **Workers' Compensation Insurance** - as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than $1,000,000 per accident for bodily injury or disease. Waiver of Subrogation: The insurer(s) named above agree to waive all rights of subrogation against the Chino Basin Water Conservation District, its elected or appointed officers, officials, agents, authorized volunteers and employees for losses paid under the terms of this policy which arise from work performed by the Named Insured for the Chino Basin Water Conservation District; but this provision applies regardless of whether or not the Chino Basin Water Conservation District has received a waiver of subrogation from the insurer.

If the Company maintains broader coverage and/or higher limits than the minimums shown above, the Chino Basin Water Conservation District requires and shall be entitled to the broader coverage and/or higher limits maintained by the Company. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the Chino Basin Water Conservation District.

Other Required Provisions: The general liability policy **must contain**, **or be endorsed to contain**, the following provisions:

1. **Additional Insured Status** - Chino Basin Water Conservation District, its directors, officers, employees, and authorized volunteers are to be given insured status (at least as broad as ISO Form CG 20 10 10 01), with respect to liability arising out of work or operations performed by or on behalf of the Company including materials, parts, or equipment furnished in connection with such work or operations.

2. **Primary Coverage** - For any claims related to this project, the Company's insurance coverage shall be primary at least as broad as ISO CG 20 01 04 13 as respects to the Chino Basin Water Conservation District, its directors, officers, employees and authorized volunteers. Any insurance or self-insurance maintained by the Chino Basin Water Conservation District its directors, officers, employees and authorized volunteers shall be excess of the Company's insurance and shall not contribute with it.

Notice of Cancellation: Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the Chino Basin Water Conservation District.

Self-Insured Retentions: Self-insured retentions must be declared to and approved by the Chino Basin Water Conservation District. The Chino Basin Water Conservation District may require the Company to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or Chino Basin Water Conservation District.

Acceptability of Insurers: Insurance is to be placed with insurers having a current A.M. Best rating of no less than A: VII or as otherwise approved by Chino Basin Water Conservation District.

Verification of Coverage: Company shall furnish the Chino Basin Water Conservation District with certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the Chino Basin Water Conservation District at least **ten (10**) days after the approval of this agreement.

As in any [type of event, e.g., outdoor event], there will be certain risks to the property and person that may or may not be contemplated by any exhibitor/vendor participating in the [Name of Event]. Understanding these potential risks, known and unknown, I hereby release the Chino Basin Water Conservation District (CBWCD) Board of Directors, Staff, interns, and authorized volunteers and any of their agents from liability for bodily injury, property damage, or any other responsibility that may occur from any reasonable event activity so long as it is not intentionally cause by CBWCD or its staff. The Vendor/Company shall agree to the following terms:

- Vendor/Company agrees to the terms and conditions of the approved Facility Use Application and/or Facility Use Agreement.
- Vendor/Company agrees to provide certificates of insurance coverage at least **ten (10) days** after the approval of this agreement, and/or no later than [Month] X, 202X.
- Vendor/Company agrees to provide a "Certificate of Insurance" naming Chino Basin Water Conservation District as "**Additional Insured**" for the duration of the event. Coverage is for bodily injury and property damage.

- The minimum amount required is one million dollars ($1,000,000) for each occurrence.

By signing below, I/We acknowledge the terms and conditions set forth in this agreement, which have been read and accepted accordingly.

Signature of Vendor/Company: _____ **Date:** _____

General Manager/Designee Signature: _____ **Date:** _____

Please send your signed form to:

[First & Last Name, Title]
[_____@cbwcd.org]
(909) 626-2711