

NOVATO SANITARY DISTRICT

**ADDENDUM NO. 1**

TO

**FORCE MAIN CONDITION ASSESSMENT**

**(Project No. 72403-2023-01)**

**December 22, 2025**

This addendum consists of twenty-four (24) pages, including this cover and the attachments, amending the Contract Documents. All prospective bidders for the above-referenced project are to be aware that the following changes, additions and/or clarifications shall be included as an integral part of the Contract Documents for the above-referenced project, and that they are bound by all conditions set forth therein.

THIS ADDENDUM SHALL BE ACKNOWLEDGED WHEN YOUR BID / PROPOSAL IS SUBMITTED. FAILURE TO ACKNOWLEDGE THE ADDENDUM MAY CONSTITUTE GROUNDS FOR REJECTION OF THE BID / PROPOSAL.

**THE BIDDER SHALL ACKNOWLEDGE RECEIPT OF THIS  
ADDENDUM BELOW THE LIST OF ATTACHMENTS.**

By: /s/ Sandeep Karkal  
Sandeep Karkal  
General Manager-Chief Engineer  
Novato Sanitary District

Date: December 22, 2025

**Novato Sanitary District  
Force Main Condition Assessment**

**(Project No. 72403-2023-01)**

**ADDENDUM NO. 1**

December 22, 2025

This Addendum No. 1 shall become a part of the Request for Proposals. The Novato Sanitary District (NSD) has received questions relating to the above project. Following are the questions with Responses for this RFP. Please consider this document in preparation of your proposal.

**The date and time that proposals are due is updated per Section I below.**

**I. Updated Schedule**

The proposal schedule has been updated as detailed in the schedule below

<b>ACTIVITY</b>	<b>DATE</b>
RFP Release	November 13, 2025
Mandatory job walk (mandatory, starts at 500 Davidson Street, Novato)	December 3, 2025, 9:00 AM
Final date to submit questions and requests for additional information	December 12, 2025, 4:30 PM
Posting of response to questions	<b>December 22, 2025</b>
<b>Proposal Submittal Deadline</b>	<b>January 15, 2026, 4:30 PM</b>
Evaluation of Proposals	Week beginning January 19, 2026
Select contractor for recommendation to Board of Directors for award	Week beginning January 26, 2026

**II. Questions and Responses**

1. What new / replacement materials or appurtenances are to be furnished installed by the contractor? For instance, new / replacement pipe hardware (i.e. nuts, bolts, washers, etc.), pipe gaskets, etc. Please confirm.

If yes, then please confirm what is to be furnished and provide the desired material specifications / product data for these materials so we may appropriately price within our proposals.

**Response:** NSD will furnish nuts, bolts, and washers to the contractor in the event that any are damaged during the project. NSD will furnish gaskets to the contractor for replacement

of any existing gaskets at flanges which are damaged during pipe disassembly.

2. Is painting or coating of either new or existing pipe materials required?

If yes, then please provide the desired paint or coating specifications / product data so we may appropriately price within our proposals.

**Response:** Inspection contractor shall exercise caution when removing and reassembling existing piping to prevent damage of piping, valving, and associated appurtenances. Painting or coating of new and existing pipe is not required, assuming unreasonable damage does not occur.

3. The RFP makes several references that permits are the contractor's responsibility to procure / pay. Please advise on the following:

a. Please identify the specific permits bidders are to assume in our proposals and the corresponding authorities / agencies / districts.

b. Will the District be assisting in the procurement process for said permits so as to expedite processing of any/all permits?

**Response:** If work extends into City of Novato or County of Marin rights-of-way, encroachment permits will be required from those respective entities.

Work within County right-of-way will be governed by NSD's annual recurring encroachment permit. It will be the responsibility of the contractor to submit traffic control plans to the County for review and approval under this permit, in coordination with NSD.

For the City of Novato, work over \$10,000 in cost and that extends into the City right-of-way will require the contractor to obtain its own encroachment permit. It will be the responsibility of the contractor to submit traffic control plans for review and approval by the City.

4. With respect to permit fees, would the District be willing to incorporate an allowance line item in the Bid SOV for "Permit Fees" to reimburse the contractor for actual permit fees paid during the project? This will provide an equal playing field for bidding firms to assume at time of bid, and also avoid potential cost creep post award. Please advise. If yes, then please provide the desired paint or coating specifications / product data so we may appropriately price within our proposals.

**Response:** Yes, an allowance (\$15,000) has been added to the cost proposal form. This line item excludes the cost of traffic control plan preparation and any contractor markup and is limited to the price of direct permit fees. This will be reimbursed based upon invoices sent from the permitting agency to the contractor.

5. Please confirm if there are any environmental / biological permits or measures (i.e. Biologists, Site Inspections / Monitoring, Effluent Sampling, QSD / QSP, etc.) required for this project. If yes, the please provide detail of the required scopes and add a line item(s) within the Bid SOV for this scope.

**Response:** No environmental permits or monitoring measures are required for this project.

6. Please confirm disposal locations for pipe effluents and solids / debris collected during the pigging operation(s) at each of the 3 sites. Per the pre-bid site walk, it is our understand
  - a. Solids/debris are to be transported / deposited at the District's Treatment Plant.
  - b. Effluents can be deposited / decanted back into the system, either at a nearby wet well and/or at the next closest downstream manhole.

Please confirm / advise so bidders can appropriately price within our proposals.

**Response:** Solids shall be transported to the vector dump station at the Novato Wastewater Treatment Plant, 500 Davidson St., Novato. More information about this is included on page 22 of the RFP. Liquids can be decanted back into the sewer system.

7. Scottsdale PS (Page 11 of 27): the RFP states "The District will remove the flanged-by-flanged pipe spool and replace it with a temporary flanged wye fitting in advance of the inspection, as shown in Figure 7. The inspection contractor will be responsible for removing the temporary flanged wye fitting and reinstalling the permanent flanged-by-flanged pipe spool upon completion of the inspection." Per the pre-bid site walk the District indicated that the wye potentially would not need to be removed following the inspection. Please confirm/clarify this scope. Is the wye to be removed or remain in place following the inspection?

**Response:** The wye that will be installed at the Scottsdale Pump Station by NSD in advance of the inspection can be left in place upon completion of inspection activities.

8. BKM PS (Page 15 of 27): the RFP states "The District will install a flange coupling adaptor upstream from the magnetic flow meter in advance of the inspection to facilitate disassembly of existing piping in the meter vault by the contractor." Per the pre-bid site walk the District indicated that an alternate pipe configuration with either a wye or 90-degree elbow would potentially be installed prior to the pigging operation by the District. Please confirm/clarify this scope so bidders can price this scope appropriately.

**Response:** The contractor shall assume that NSD will install a 10" x 10" x 10" wye fitting in the flow meter vault at the BMK No. 5 Pump Station in advance of the inspection. Disassembly and reassembly of existing pipe will not be required. The contractor is responsible for all fittings and appurtenances required to connect to this wye fitting.

9. California Public Construction Law generally caps retention at 5%. Section 2.2 of the Sample Service Agreement under Appendix C notes a retention of 10%. Please confirm retention is to be 5%.

**Response:** The retention cap is 5%, not 10%. The Service Agreement will reflect this change when the final contract is prepared.

10. No mention of bid or performance bonds are made within the RFP. Please advise if a bid bond, performance bond, or both are required.

**Response:** Pipeline inspection projects that are not being done as part of a public works

construction project do not require performance or payment bonds as they are not considered construction public works projects on their own. The contractor will not be required to provide performance, payment or bid bonds.

11. During the pre-bid site walk it was noted that several locations along the Bahia alignment fall within open marsh / tidal lands and that access to track the pigging equipment 100% through these portions of the alignment potentially were impossible to conduct. Please confirm locations of inaccessibility (i.e. marsh / tidal land, environmentally sensitive areas, etc.) are acceptable to exclude from the bid scopes for full tracking.

**Response:** The contractor should assume that the entire alignment is accessible on foot. Tall grass and inches (not feet) of standing water may be encountered.

12. Smart Pig Run Section (Page 23 of 27): the RFP states "For pigging of the Bahia Main and Scottsdale Force Mains, the contractor shall coordinate emptying of wet wells which connect to these force mains (Black Point, Deer Island, and Automart) with the District in advance of the smart pig runs...". Is this work to be assumed only during wet weather conditions when capacity is high? Please confirm and advise if otherwise so this scope can be appropriately priced.

**Response:** No pigging shall be conducted on days when rain or other precipitation is forecast. See the General Requirements Section on page 20 of the RFP.

13. Do you have a direct contact to coordinate with at Marin County Water District?

**Response:** The local water purveyor is North Marin Water District (NMWD). Once a contractor has been selected, NSD will coordinate communication with NMWD.

14. Can you provide the gravity sewer drawings for the areas around each pumps station?

**Response:** Figures showing the gravity sewer network in the vicinity of each pump station are attached to this addendum.

15. Do the wet/dry hold times in the table provided represent the average time, in minutes, between pump cycles?

**Response:** The hold times in the provided table represent the average time between pump cycles in hours, not minutes.

16. Will the City be gathering any necessary field data on the AC pipe external geometry?

**Response:** Yes, the Novato Sanitary District will perform exploratory excavations of the AC pipe for Scottsdale (8-inch and 10-inch portions of pipeline) and Bahia to collect measurements of outer diameter.

17. For BMK No.5, has the City determined whether there will be enough room for a tee or wye at the pump station? (in the flow meter chamber) If yes, will they take on this task ahead of work? (similar to what they are doing at the Scottsdale pump station)

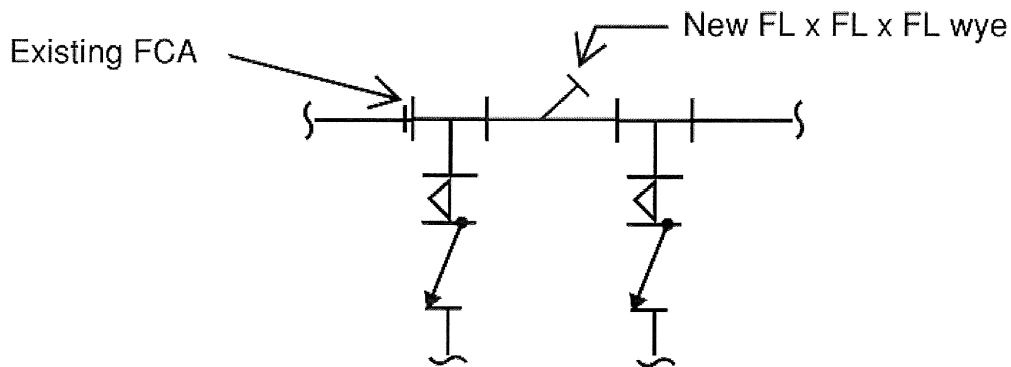
**Response:** See the response to Question Number 8.

18. For the Bahia FM, will the district clear a path through the brush, in the marsh area, over the pipeline to provide better markings for xyz tracking?

**Response:** NSD will not clear a path through the brush.

19. For the Scottsdale FM, are there drawings of the modifications expected in the launch vault available?

**Response:** See the following diagram. NSD will install the wye shown in advance of inspection. Note that the wye will be oriented vertically and will not be in the same plane as the other piping.



20. For the Bel-Marín Key 5 FM, are there drawings of the modifications expected in the launch vault available?

**Response:** No; refer to the response to Question Number 8.

21. For the Scottsdale FM, does the spool piece need to be replaced at the end of each working day or could the wye simply be blind flanged?

**Response:** A blind flange can be installed on the temporary wye at the end of each working day.

22. For the Scottsdale FM, when will the testing and replacement of the valves be completed?

**Response:** Testing and replacement of the valves along the Scottsdale force main alignment will be completed before the inspection contractor mobilizes.

23. For the Scottsdale and Bel-Marín Key, will the district be providing the wyes and any pipe adapters needed for launch?

**Response:** NSD will be installing a wye at Scottsdale and at BMK No. 5 in advance of inspection. Any pipe adapters, launch tubes, other fittings, and ancillary materials and equipment required to launch the pigs shall be provided by the contractor, as stated on page 20 of the RFP.

24. What information is available that substantiates that the contractor should assume that 5

cleaning pigs runs will be needed on each line?

**Response:** For pricing and bidding purposes, the contractor shall assume up to five cleaning pig runs per page 22 of the RFP. The actual number of cleaning runs required will depend on the amount of material removed in each cleaning run, the condition of the pig at the end of each cleaning run, and other site-specific conditions. A revised cost proposal form which includes Cleaning Pig Runs as a dedicated unit price bid item is included in the revised cost proposal form attached to this Addendum.

25. When was the last time each line was cleaned?

**Response:** The pipelines have never been cleaned.

26. Would any traffic control permitting need to go through Cal Trans? If so, what working hours will the Cal Trans permit allow?

**Response:** Work within Caltrans right-of-way or work requiring a Caltrans permit is not anticipated.

27. What is the minimum internal diameter of each pipe segment?

**Response:** Diameters are listed in Table 1 on page 3 of the RFP. Engineering drawings for each pipeline are included as supporting files to the RFP. See Appendix A to the RFP, Supporting Files Reference Table.

28. What is the maximum internal diameter of each pipe segment?

**Response:** See the response to Question Number 27.

29. Are there any 90-degree bends (or sharper) within the 8-inch section?

**Response:** The record drawings provided with the RFP as supporting files reflect the most accurate information regarding the pipeline configuration. See Appendix A to the RFP, Supporting Files Reference Table.

30. Are there any butterfly valves in the alignment?

**Response:** No.

31. Are there any full-port valves? If so, are they round or rectangular?

**Response:**

Bahia Main: There is a round full port plug valve at the pump station.

Scottsdale: There are currently multiple valves along the pipeline alignment that will be replaced by NSD in advance of inspection with gate valves.

BMK No. 5: There will be a gate valve in the meter vault at the pump station, downstream from the point of insertion.

32. For awareness: Our UT-based inspection technology cannot reliably detect pit corrosion anomalies smaller than 5 mm. The smallest detectable anomalies are generally between 12.7 mm and 25.4 mm, depending on pipe material.

**Response:** Pit corrosion anomaly detection precision of 12.7 mm to 25.4 mm depending on pipe material is acceptable.

33. For awareness: The inspection does not perform a continuous 360-degree scan of the pipe, as absolute UT measurements can result in localized blind spots. Instead, the inspection focuses on high confidence thickness measurements at defined circumferential locations.

**Response:** This is acceptable.

34. For awareness: For asbestos cement (AC) inspections, we typically collect circumference measurements to help determine original wall thickness, which is critical for leaching and remaining-life analysis. Please confirm whether the District would like this included as part of the inspection scope, or if it should be priced as an optional item?

**Response:** See the response to Question 16.

35. Can you please confirm whether a contractor license is required to perform the work outlined in this RFP? If so, is there a specific license type or jurisdiction (State or local) that applies?

**Response:** A General Engineering (Classification A) Contractor License in the State of California is required to perform the work. A City of Novato Business License will also be required.

### III. Clarifications

1. An updated cost proposal form is included as Attachment 1. It reflects changes made in response to bidder questions and contains fields for bidder acknowledgement of receipt of addenda.
2. An alternate means of accessing the discharge manhole of the Scottsdale Force Main is shown in Attachment 3. This access method is easier than the method included in the supporting files of the RFP.
3. A map showing the point of isolation closest to the Scottsdale Pump Station along the Scottsdale Force Main is included as Attachment 4. This isolation will be provided by a gate valve that NSD will install prior to inspection.

### IV. Request for Proposals Scope of Work Revisions

The following revisions are made to the following sections of the RFP. The color black signifies existing text, the color red signifies added text, and strikethrough signifies removed text.

**1. III Scope of Work – 2. Planning – Site Visit – Final Paragraph (p. 19)**

The contractor shall follow all applicable Occupational Safety and Health Administration (OSHA) requirements for confined space entry and other site work. Upon completion of the site visit, the contractor shall prepare a memorandum summarizing the findings and detailing any concerns, constraints, or potential issues that require resolution prior to performing the pigging and inspection.

**2. III Scope of Work – 2. Planning – Site Visit (p. 19), Add the following paragraph:**

Contractor shall document existing conditions. Contractor shall take pre-mobilization and post-demobilization photographs to document the conditions of piping, valving, and all District facilities affected by the work. Pre-inspection photos shall be included in the post-site visit pigging plan. Post-inspection photos shall be included in the final report.

**3. III Scope of Work – 3. Cleaning and Inspection – Work by District (p. 20), Add the following bullet:**

NSD will determinate and re-terminate conductors for magnetic flow meters. The contractor is not responsible for any electrical or instrumentation work.

**V. List of Attachments**

- 1. Updated Cost Proposal Form
- 2. Gravity Sewer Network Drawings
- 3. Alternate Scottsdale Discharge Manhole Access Figure
- 4. Scottsdale Isolation Point Map

This Addendum No. 1 shall be attached to and form a part of the Request for Proposals. The receipt of and examination of the addendum shall be acknowledged by the bidder / proposer below:

Name of Firm: \_\_\_\_\_

Representative: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

-- End of Addendum No. 1 --

Attachment 1. Updated Cost Proposal Form

**Updated Cost Proposal Form**

Item No.	Item	Quantity	Unit	Unit Cost	Extended Cost
1	Preliminary Site Visit Including Site Visit Plan	1	LS		
2	Pigging Plan	1	LS		
3	Mobilization	1	LS		
4	Permit Fee Allowance	1	LS	\$15,000	\$15,000
<b>Bahia Main</b>					
5	Temporary/Supplemental Water Services	1	LS		
6	Supplemental Water Consumption	1	LS		
7	Encroachment Permit(s) Preparation and Compliance	1	LS		
8	Mobile Storage Tank and Kicker Pump	1	LS		
9	Cleaning and Proofing Pig Fabrication	1	LS		
10	Cleaning Pig Runs	5	EA		
11	Cleaning and Proofing Pig Runs	1	LS		
12	Smart Pig Fabrication	1	LS		
13	Smart Pig Runs	1	LS		
14	Debris Removal at Discharge Manholes	1	LS		
15	Demobilization	1	LS		
16	Smart Pig Reporting	1	LS		
<b>Scottsdale</b>					
17	Temporary/Supplemental Water Services	1	LS		
18	Supplemental Water Consumption	1	LS		
19	Encroachment Permit(s) Preparation and Compliance	1	LS		
20	Mobile Storage Tank and Kicker Pump	1	LS		
21	Cleaning and Proofing Pig Fabrication	1	LS		
22	Cleaning Pig Runs	5	EA		
23	Cleaning and Proofing Pig Runs	1	LS		
24	Smart Pig Fabrication	1	LS		
25	Smart Pig Runs	1	LS		
26	Debris Removal at Discharge Manholes	1	LS		

Item No.	Item	Quantity	Unit	Unit Cost	Extended Cost
27	Demobilization	1	LS		
28	Smart Pig Reporting	1	LS		
<b>Bel Marin Keys No. 5</b>					
29	Temporary/Supplemental Water Services	1	LS		
30	Supplemental Water Consumption	1	LS		
31	Encroachment Permit(s) Preparation and Compliance	1	LS		
32	Mobile Storage Tank and Kicker Pump	1	LS		
33	Cleaning and Proofing Pig Fabrication	1	LS		
34	Cleaning Pig Runs	5	EA		
35	Cleaning and Proofing Pig Runs	1	LS		
36	Smart Pig Fabrication	1	LS		
37	Smart Pig Runs	1	LS		
38	Debris Removal at Discharge Manholes	1	LS		
39	Demobilization	1	LS		
40	Smart Pig Reporting	1	LS		
				<b>Total</b>	

Attachment 2. Gravity Sewer Network



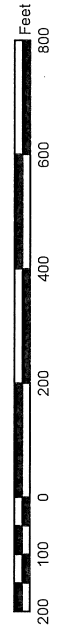
NOVATO SANITARY DISTRICT  
 MARIN COUNTY CALIFORNIA  
 REVISIONS: 1" = 200'  
 NSD  
 MAP NO.  
 DATE: JUNE 2011  
**L12**







**NOVATO SANITARY DISTRICT**  
 MARIN COUNTY CALIFORNIA  
 REVISION: \_\_\_\_\_ MAP NO. \_\_\_\_\_  
 1" = 200' NSD  
**H19**  
 DATE: JUNE 2011





BMK No. 5  
Pump Station

NOVATO SANITARY DISTRICT  
 MARIN COUNTY CALIFORNIA  
 REVISED 11-2001 NSD MAP NO. K21  
 DATE JUNE 2011





BMK No. 5 Force Main

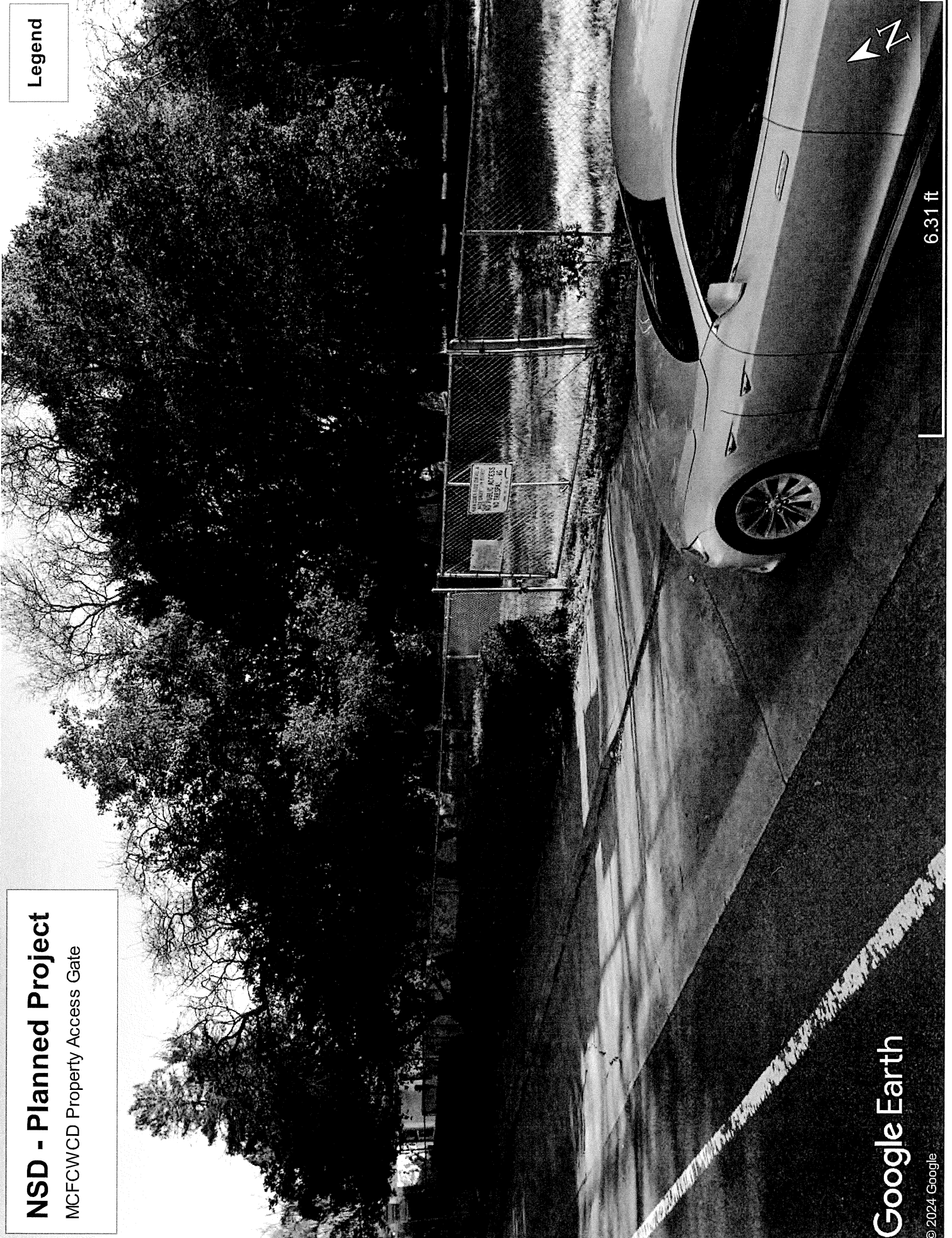
NOVATO SANITARY DISTRICT  
 MARIN COUNTY CALIFORNIA  
 REVISION 1" = 200'  
 NSD WAF NO.  
 DATE: JUNE 2011  
**J22**



Attachment 3. Alternate Scottsdale Discharge Manhole Access Figure

**NSD - Planned Project**  
MCFCWCD Property Access Gate

Legend



Google Earth

© 2024 Google

6.31 ft



Attachment 4. Scottsdale Isolation Point Map

SHEET NO. 6  
 OF SHEETS 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

DRAWN BY H.H.  
 CHECKED BY J.R.B.  
 DATE FEBRUARY 1964  
 SCALE 1/8" = 1'-0"  
 REGISTERED CIVIL ENGINEER  
 CARLOS E. GONZALEZ  
 REG. NO. C.E. 11829  
 REVISION Δ JUNE 22 1964  
 REVISION Δ JUNE 22 1964  
 REVISION Δ MAY 20 1964  
 APPROVED JUNE 30, 1964  
 SIGNED \_\_\_\_\_

