

EAST BAY MUNICIPAL UTILITY DISTRICT

REQUEST FOR PROPOSAL (RFP) for RARE MF/RO Process Support Project

Contact Person: Brian Dunstan, Associate Civil Engineer
Phone Number: (510) 287-7037
E-mail Address: brian.dunstan@ebmud.com

For complete information regarding this project, see RFP posted at <https://www.ebmud.com/business-center/requests-proposal-rfps/> or contact the EBMUD representative listed above. Please note that prospective proposers are responsible for reviewing this site during the RFP process, for any published addenda regarding this RFP.

RESPONSE DUE
by
4:00 p.m.
on
February 27, 2020
at
EBMUD, Purchasing Division
375 Eleventh St., First Floor
Oakland, CA 94607



375 Eleventh Street, Oakland, CA 94607
Website: ebmud.com

EAST BAY MUNICIPAL UTILITY DISTRICT

RFP

for

RARE MF/RO Process Support Project

TABLE OF CONTENTS

I.	STATEMENT OF WORK	3
A.	SCOPE.....	3
B.	PROPOSER QUALIFICATIONS	3
C.	PROJECT BACKGROUND	3
D.	SPECIFIC REQUIREMENTS	4
E.	PROJECT DOCUMENTATION.....	7
F.	PROJECT BUDGET	7
II.	CALENDAR OF EVENTS	7
III.	DISTRICT PROCEDURES, TERMS, AND CONDITIONS	7
A.	RFP ACCEPTANCE AND AWARD.....	7
B.	EVALUATION CRITERIA/SELECTION COMMITTEE	8
C.	PRICING.....	9
D.	NOTICE OF INTENT TO AWARD AND PROTESTS.....	9
E.	INVOICING	11
IV.	RFP RESPONSE SUBMITTAL INSTRUCTIONS AND INFORMATION	11
A.	DISTRICT CONTACTS	11
B.	SUBMITTAL OF RFP RESPONSE	11
C.	RESPONSE FORMAT	13

ATTACHMENTS

EXHIBIT A - RFP RESPONSE PACKET

EXHIBIT B - INSURANCE REQUIREMENTS

EXHIBIT C - EXAMPLE CONSULTING AND PROFESSIONAL SERVICES AGREEMENT

EXHIBIT D - MF AND RO OPERATING DATA

I. STATEMENT OF WORK

A. SCOPE

It is the intent of these specifications, terms, and conditions to describe microfiltration (MF) and reverse osmosis (RO) process support services for the Richmond Advanced Recycled Expansion (RARE) Water Project.

East Bay Municipal Utility District (District) intends to award a two-year contract (with three [3] options to renew for one-year terms) to the Proposer(s) who best meets the District's requirements.

The objective of this Project is to improve the reliability and efficiency of MF and RO treatment performance through enhanced operation and maintenance. The scope of work will include monthly operations recommendations, evaluation of RO pretreatment chemicals, evaluation of MF and RO cleaning chemicals and procedures, condition assessment, on-site training for operators and engineers, and on-call technical assistance.

B. PROPOSER QUALIFICATIONS

1. Proposer Minimum Qualifications

- a. Proposer, Proposer's principal, or Proposer's staff shall have been regularly engaged in the business of providing advanced treatment process operations support, troubleshooting, and training for at least five (5) years.
- b. Proposer shall possess all permits, licenses, and professional credentials necessary to perform services as specified under this RFP.

C. PROJECT BACKGROUND

The District's RARE facility, located in Richmond, CA, has been producing high-purity recycled water for the manufacturing process at the Chevron Richmond Refinery (Chevron) since 2010. RARE treats secondary effluent from the West County Wastewater District's (WCWD) Water Pollution Control Plant (WPCP) through MF and two-stage RO. The RARE facility can currently produce up to 3.5 million gallons per day (MGD) of recycled water, with future expansion capacity up to 4.0 MGD with the installation of additional MF membranes.

The existing Pall MF system removes suspended solids from the influent water through 0.1 micron Microza hollow fiber UNA modules and is comprised of five racks with sixty modules, each. The MF system is designed for four-duty, one-standby operation and is programmed for automated feed, backwash, and air scour cycles by the system

integrator. Chemical clean-in-place (CIP) procedures are performed by operations staff approximately every thirty days. CIP wastes, along with backwash wastewater from the MF system, Amiad auto-strainers, and other plant processes, are collected in a waste equalization tank and returned to WCWD WPCP.

MF filtrate is combined with second pass RO concentrate from Chevron's RO facility and supplemental potable water, as needed, in a 156,000-gallon inter-process storage tank. The District is contractually obligated to continually provide boiler feed water to Chevron; therefore, MF filtrate is supplemented with potable water when WCWD WPCP flows are not sufficient to meet daily production requirements.

The combined RO feedwater is conditioned with sulfuric acid for pH control and threshold inhibitor to minimize silica and cationic scaling prior to RO treatment.

The RO system consists of three trains and is designed for two-duty, one-standby operation. Each train consists of a total of sixty pressure vessels arranged in a 40:20 array. Each pressure vessel houses seven, 8-inch spiral-wound elements. RO permeate is stored in a product water equalization tank and used by Chevron for boiler feed water. RO concentrate is discharged to Chevron's wastewater treatment system.

RARE product water quality standards are governed by the "High-Purity Recycled Water Supply Agreement" between the District and Chevron and the San Francisco Regional Water Quality Control Board (SFRWQCB) General Order 96-011, which define refinery-specific and coliform and turbidity criteria, respectively.

D. SPECIFIC REQUIREMENTS

Task 1 – Monthly Operations Recommendations

Consultant shall review monthly MF and RO operating data and submit monthly reports summarizing operating conditions, water quality variability and its effects on the performance of the membrane systems, observations regarding long-term and short-term operating trends, and recommendations for optimization, and proactive cleaning and maintenance plans.

Deliverables: Monthly performance reports on MF and RO performance shall be submitted to the District's project manager by the 7th day of each month over the duration of the contract. Reports shall discuss the operational and water quality conditions and overall health of the membrane systems during the preceding month. These reports will summarize any special services, process upsets, or other non-routine events and will include specific recommendations for changes to, or continuation of, plant operations.

Task 2 – Clean-in-Place (CIP) and RO Pretreatment Chemical Evaluation

Consultant shall develop a site-specific recommendation for RO chemicals (i.e., antiscalants or threshold inhibitors), pH setpoints, and other RO feed water quality criteria that will minimize fouling rates based on feed water quality characteristics (e.g., TOC, SDI). Consultant shall also review current CIP chemicals, procedures, and setpoints and recommend changes as needed.

Deliverables: Provide draft and final CIP and RO Pretreatment Chemical Evaluation report. Submit a draft report to the District for comments prior to the final report.

Task 3 – Condition Assessment

Evaluate the condition of the MF and RO systems and auxiliary equipment to document issues affecting system reliability, operability, and efficiency. Evaluation will include:

- Condition assessment of influent pump station and tank, MF feed pump station and autostrainers, MF bulk chemical storage facilities, MF system including compressed air system, MF CIP and enhanced flux maintenance storage facilities, inter-process storage tank, RO transfer pumps and cartridge filters, RO system, RO bulk chemical storage facilities and RO CIP facilities, product water storage tank, and waste equalization tank and pump station.
- Interviews with key staff and stakeholders to identify and document ongoing operations and maintenance (O&M) issues.
- Compile and update control strategies for equipment. Make recommendations for control strategy revisions for improved efficiency and reliability.
- Provide a recommended schedule of maintenance activities and improvements for the following short-term (0-2 years), mid-term (2-5 years), and long-term (5+ years) periods.
- Review current inventory of spare/replacement parts and provide recommendations on provisioning of items to be kept on hand for planned and/or unplanned outages. District staff shall provide information on current spare parts inventory.

Deliverables: Provide draft and final condition assessment report. Submit a draft report to the District for comments prior to the final report.

Task 4 – On-Site Training

Consultant shall provide training services to District staff for a minimum of 48 hours (or six [6] full working days) over the duration of the contract. These services could be formal classroom presentations or field training in support of specific procedures or troubleshooting techniques per District direction. Training material and subject areas are to be reviewed and approved by District prior to presentation. Training will take place at the RARE facility located in Richmond, CA. The topics to be covered during this on-site training shall be specific to RARE and shall include but will not be limited to:

- *MF and RO treatment fundamentals*, covering the functional basics of Pall MF systems and RO membrane treatment for secondary effluent applications.
- *Site-specific performance monitoring and data interpretation* that explains how normalized data values are calculated, tracked, and visually trended.
- *Proactive methods and protocols for scheduling routine maintenance*, including cleaning frequency and cleaning efficacy assessment, unit repair, change outs, and troubleshooting techniques.
- *Critical MF and RO feed and permeate water quality analyses*, including analytes of interest, best available technologies for measuring these analytes, recommended measurement location and frequency, the relationships between source water quality and downstream processes (specifically secondary effluent that is used to produce boiler feed water through an MF/RO process) and industry standard effluent water quality goals in comparison to the site-specific treatment goals at RARE.

This training is intended to show operators how to interpret normalized performance data and gain confidence in the results, as well as to help them identify trends or conditions that may trigger a specific response (e.g., taking a bank of membranes out of service and initiating a chemical cleaning). Training may occur on non-consecutive business days and may require periodic return trips to speak with operations staff and survey the condition of the plant.

Hours indicated under this task are reserved for time spent on-site. Travel and accommodations should be counted as other direct costs (ODCs) for this Project.

Deliverables: All training materials shall be submitted for approval by the District prior to training. Training materials and/or manuals shall be provided in electronic and hardcopy format.

Task 5 – On-Call Technical Assistance

Consultant shall be available to troubleshoot acute, unplanned process upsets during normal business hours, as needed, and authorized by the District up to forty (40) hours. Hours under this category will not be used unless specifically directed by the District.

Deliverables: The District will authorize work under this task, as needed. Consultant will be expected to respond promptly to assist with resolution of urgent issues.

E. PROJECT DOCUMENTATION

Upon completion of the contract, all electronic files of databases, reports, and figures and hard copies of drawings, figures, or other supporting documents or studies associated with this work shall be submitted to the District.

F. PROJECT BUDGET

The District's estimated budget for this project is \$225,000.

II. CALENDAR OF EVENTS

EVENT	DATE/LOCATION
RFP Issued	February 14, 2020
Response Due	February 27, 2020 by 4:00 p.m.
RFP Review and Consultant Selection	February 27, 2020 – March 6, 2020
Board Approval	April 14, 2020
Notice to Proceed	April 15, 2020

Note: All dates are subject to change by District.

Proposers are responsible for reviewing <https://www.ebmud.com/business-center/requests-proposal-rfps/> for any published addenda. Hard copies of addenda will not be mailed out.

III. DISTRICT PROCEDURES, TERMS, AND CONDITIONS**A. RFP ACCEPTANCE AND AWARD**

1. RFP responses will be evaluated by the Selection Committee and will be scored and ranked in accordance with the RFP section entitled "Evaluation Criteria/Selection Committee."
2. The Selection Committee will recommend award to the Proposer who, in its opinion, has submitted the RFP response that best serves the overall interests of the District. Award may not necessarily be made to the Proposer with the lowest overall cost.
3. The District reserves the right to award to a single or to multiple General or Professional Service Providers, dependent upon what is in the best interest of the District.

4. The District has the right to decline to award this contract or any part of it for any reason.
5. Any specifications, terms, or conditions issued by the District, or those included in the Proposer's submission, in relation to this RFP, may be incorporated into any purchase order or contract that may be awarded as a result of this RFP.
6. Award of contract. The District reserves the right to reject any or all proposals, to accept one part of a proposal and reject the other, unless the proposer stipulates to the contrary, and to waive minor technical defects and administrative errors, as the interest of the District may require. Award will be made or proposals rejected by the District as soon as possible after proposals have been opened.

B. EVALUATION CRITERIA/SELECTION COMMITTEE

All proposals will be evaluated by a Selection Committee. The Selection Committee may be composed of District staff and other parties that have expertise or experience in this type of procurement. The Selection Committee will select a Proposer in accordance with the evaluation criteria set forth in this RFP. The evaluation of the RFP responses shall be within the sole judgment and discretion of the Selection Committee.

The Selection Committee will evaluate each RFP response meeting the qualification requirements set forth in this RFP. Proposer should bear in mind that any RFP response that is unrealistic in terms of the technical or schedule commitments, or unrealistically high or low in cost, will be deemed reflective of an inherent lack of technical competence or indicative of a failure to comprehend the complexity and risk of the District's requirements as set forth in this RFP.

RFP responses will be evaluated and scored according to the Evaluation Criteria below. The scores for all Evaluation Criteria will then be added to arrive at a total score for each RFP response. An RFP response with a high total score will be ranked higher than one with a lesser total score.

The Evaluation Criteria are as follows:

Item	Evaluation Criteria	Points Possible
A.	Project Approach: <ol style="list-style-type: none"> 1. Does the Proposer demonstrate an understanding of the District's goals and objectives for this project? 2. Does the Project Approach submitted with the RFP response demonstrate that the Proposer has an understanding of the Scope of Work? 3. What is the value added for any proposed modifications to the Scope of Work? 	30

B.	Project Management: 1. Does the Labor Hour Estimate demonstrate a reasonable approach to successful project completion? 2. Does the proposed schedule provide a reasonable approach to successful project completion?	25
C.	Proposer and Key Personnel: 1. Based on the submitted information for Key Personnel, does the proposed team have the technical expertise to complete the required tasks? 2. Do references confirm that the Proposer, key personnel, and any subconsultants are well qualified for this project, regularly adhere to budget and schedule, are responsive, and regularly provide quality deliverables?	40
D.	Contract Equity Program: Proposer shall be eligible for SBE or DVBE preference points if they are a certified small business entity, as described in the guidelines contained in Exhibit A-Contract Equity Program, <u>and</u> they check the appropriate box, requesting preference, in Exhibit A-Proposer Information and Acceptance. Qualified DVBEs and/or SBEs will receive an additional 5 points to their total score.	5

C. PRICING

1. Prices quoted shall be firm for the first twelve (12) months of any contract that may be awarded pursuant to this RFP.
2. All prices quoted shall be in United States dollars.

D. NOTICE OF INTENT TO AWARD AND PROTESTS

At the conclusion of the RFP response evaluation process, all entities who submitted a proposal package will be notified in writing by e-mail or USPS mail with the name of the Proposer being recommended for contract award. The document providing this notification is the Notice of Intent to Award.

Negotiations for a Consulting Services Agreement with a “not to exceed” contract price (for time and expenses) will be scheduled shortly after the Notice of Intent to Award. If an Agreement cannot be achieved, the District will proceed to negotiate with the next highest ranked Proposer.

Protests must be in writing and must be received no later than seven (7) work days after the District issues the Notice of Intent to Award. The District will reject the protest as untimely if it is received after this specified time frame. Protests will be accepted from proposers or potential proposers only.

If the protest is mailed and not received by the District, the protesting party bears the burden of proof to submit evidence (e.g., certified mail receipt) that the protest was sent in a timely manner so that it would be received by the District within the RFP protest period.

Proposal protests must contain a detailed and complete written statement describing the reason(s) for protest. The protest must include the name and/or number of the proposal, the name of the firm protesting, and include a name, telephone number, email address and physical address of the protester. If a firm is representing the protester, they shall include their contact information in addition to that of the protesting firm.

Protests must be mailed, hand delivered, or emailed to the Manager of Purchasing, Mailstop 102, East Bay Municipal Utility District, 375 Eleventh Street, Oakland, CA 94607 or P.O. Box 24055, Oakland, California 94623. Facsimile and electronic mail protests must be followed by a mailed or hand delivered identical copy of the protest and must arrive within the seven work day time limit. Any proposal protest filed with any other District office shall be forwarded immediately to the Manager of Purchasing.

In the event that the protest is denied, the protester can appeal the determination to the requesting organization's Department Director. The appeal must be submitted to the Department Director no later than five work days from the date which the protest determination was transmitted by the District, to the protesting party. The appeal shall focus on the points raised in the original protest, and no new points shall be raised in the appeal.

Such an appeal must be made in writing and must include all grounds for the appeal and copies of the original protest and the District's response. The proposal protester must also send the Purchasing Division a copy of all materials sent to the Department Director.

The Department Director will make a determination of the appeal and respond to the protester by certified mail in a timely manner. If the appeal is denied, the letter will include the date, time, and location of the Board of Directors meeting at which staff will make a recommendation for award and inform the protester it may request to address the Board of Directors at that meeting.

The District may transmit copies of the protest and any attached documentation to all other parties who may be affected by the outcome of the protest. The decision of the District as to the validity of any protest is final. This District's final decision will be transmitted to all affected parties in a timely manner.

E. INVOICING

1. Following the Districts acceptance of product(s) meeting all specified requirements, and/or the complete and satisfactory performance of services, the District will render payment within thirty (30) days of receipt of a correct invoice.
2. The District will notify the General or Professional Service Provider of any invoice adjustments required.
3. Invoices shall contain, at a minimum, District purchase order number, invoice number, remit to address, and itemized services description.
4. The District will pay General or Professional Service Provider in an amount not to exceed the negotiated amount(s) which will be referenced in the agreement signed by both parties.

IV. RFP RESPONSE SUBMITTAL INSTRUCTIONS AND INFORMATION

A. DISTRICT CONTACTS

All contact during the competitive process is to be through the contact listed on the first page of this RFP. The following persons are to be contacted only for the purposes specified below:

FOR INFORMATION REGARDING PROJECT SCOPE:

Attn: Brian Dunstan, Associate Civil Engineer

EBMUD - Treatment Division, Wastewater Treatment Optimization

E-Mail: brian.dunstan@ebmud.com

PHONE: (510) 287-7037

FOR INFORMATION ON THE CONTRACT EQUITY PROGRAM:

Attn: Contract Equity Office

PHONE: (510) 287-0114

AFTER AWARD:

Attn: Brian Dunstan, Associate Civil Engineer

EBMUD - Treatment Division, Wastewater Treatment Optimization

E-Mail: brian.dunstan@ebmud.com

PHONE: (510) 287-7037

B. SUBMITTAL OF RFP RESPONSE

1. Late and/or unsealed responses will not be accepted.

2. RFP responses submitted via electronic transmissions will not be accepted. Electronic transmissions include faxed RFP responses or those sent by electronic mail (“e-mail”).
3. RFP responses will be received only at the address shown below, must be SEALED, and must be received at the District Purchasing Division by 4:00 p.m. on the due date specified in the Calendar of Events. Any RFP response received after that time or date, or at a place other than the stated address cannot be considered and will be returned to the Proposer unopened. All RFP responses must be received and time stamped at the stated address by the time designated. The Purchasing Division's timestamp shall be considered the official timepiece for the purpose of establishing the actual receipt of RFP responses.
4. RFP responses are to be addressed/delivered as follows:

Mailed:

Kelley Smith, Manager of Purchasing
East Bay Municipal Utility District
RARE MF/RO Process Support Project
EBMUD–Purchasing Division
P.O. Box 24055
Oakland, CA 94623

Hand Delivered or delivered by courier or package delivery service:

Kelley Smith, Manager of Purchasing-EBMUD
East Bay Municipal Utility District
RARE MF/RO Process Support Project
EBMUD–Purchasing Division
375 Eleventh Street, First Floor
Oakland, CA 94607

Proposer’s name, return address, and the RFP title must also appear on the mailing package.

5. Proposers are to submit one (1) original hardcopy RFP response (Exhibit A – RFP Response Packet, including Contract Equity Program forms and all additional documentation stated in the “Required Documentation and Submittals” section of Exhibit A), all with original ink signatures.

Proposers **must** also submit an electronic copy of their RFP response, with their hardcopy RFP response Package. The file must be on a disk or USB flash drive and enclosed with the sealed original hardcopy of the RFP response. The electronic copy should be in a single file (PDF) format, and shall be an **exact** copy of the original hard copy Exhibit A – RFP Response Packet, Contract Equity Program

forms and all additional documentation stated in the “Required Documentation and Submittals” section of Exhibit A.

6. All costs required for the preparation and submission of an RFP response shall be borne by the Proposer.
7. California Government Code Section 4552: In submitting an RFP response to a public purchasing body, the Proposer offers and agrees that if the RFP response is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2, commencing with Section 16700, of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the Proposer for sale to the purchasing body pursuant to the RFP response. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the Proposer.
8. Proposer expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms “claim” and “knowingly” are defined in the California False Claims Act, Cal. Gov. Code, §12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act.
9. The RFP response shall remain open to acceptance and is irrevocable for a period of <one hundred eighty (180) days>, unless otherwise specified in the RFP documents.
10. It is understood that the District reserves the right to reject any or all RFP responses.

C. RESPONSE FORMAT

1. **Proposers shall not modify any part of Exhibits A, B, C, or D, or qualify their RFP responses. Proposers shall not submit to the District a re-typed or otherwise re-created version of these documents or any other District-provided document.**
2. RFP responses, in whole or in part, are NOT to be marked confidential or proprietary. The District may refuse to consider any RFP response or part thereof so marked. RFP responses submitted in response to this RFP may be subject to public disclosure. The District shall not be liable in any way for disclosure of any such records.



EXHIBIT A

RFP RESPONSE PACKET

RFP For – RARE MF/RO PROCESS SUPPORT PROJECT

To: The EAST BAY MUNICIPAL UTILITY District (“District”)

From: _____
(Official Name of Proposer)

RFP RESPONSE PACKET GUIDELINES

- **AS DESCRIBED IN SECTION IV- RFP RESPONSE SUBMITTAL INSTRUCTIONS AND INFORMATION, PROPOSERS ARE TO SUBMIT ONE (1) ORIGINAL HARDCOPY RFP RESPONSE WITH ORIGINAL INK SIGNATURES, AND ONE (1) ELECTRONIC COPY (preferably in PDF format and on a CD or flash drive) CONTAINING THE FOLLOWING, IN THEIR ENTIRETY:**
 - **EXHIBIT A – RFP RESPONSE PACKET**
 - **INCLUDING ALL REQUIRED DOCUMENTATION AS DESCRIBED IN “EXHIBIT A- REQUIRED DOCUMENTATION AND SUBMITTALS”**
- **PROPOSERS THAT DO NOT COMPLY WITH THE REQUIREMENTS, AND/OR SUBMIT AN INCOMPLETE RFP RESPONSE MAY BE SUBJECT TO DISQUALIFICATION AND THEIR RFP RESPONSE REJECTED IN WHOLE.**
- **IF PROPOSERS ARE MAKING ANY CLARIFICATIONS AND/OR AMENDMENTS, OR TAKING EXCEPTION TO ANY PART OF THIS RFP, THESE MUST BE SUBMITTED IN THE EXCEPTIONS, CLARIFICATIONS, AND AMENDMENTS SECTION OF THIS EXHIBIT A – RFP RESPONSE PACKET. THE DISTRICT, AT ITS SOLE DISCRETION, MAY ACCEPT AMENDMENTS/EXCEPTIONS, OR MAY DEEM THEM TO BE UNACCEPTABLE, THEREBY RENDERING THE RFP RESPONSE DISQUALIFIED.**
- **PROPOSORS SHALL NOT MODIFY DISTRICT LANGUAGE IN ANY PART OF THIS RFP OR ITS EXHIBITS, NOR SHALL THEY QUALIFY THEIR RFP RESPONSE BY INSERTING THEIR OWN LANGUAGE OR FALSE CLAIMS IN THEIR RESPONSE. ANY EXCEPTIONS AND CLARIFICATIONS MUST BE PLACED IN THE “EXCEPTIONS/ CLARIFICATIONS” PAGE, NOT BURIED IN THE PROPOSAL ITSELF.”.**



PROPOSER INFORMATION AND ACCEPTANCE

1. The undersigned declares that all RFP documents, including, without limitation, the RFP, Addenda, and Exhibits, have been read and that the terms, conditions, certifications, and requirements are agreed to.
2. The undersigned is authorized to offer, and agrees to furnish, the articles and services specified in accordance with the RFP documents.
3. The undersigned acknowledges acceptance of all addenda related to this RFP. List Addenda for this RFP on the line below:

Addendum #	Date

4. The undersigned hereby certifies to the District that all representations, certifications, and statements made by the Proposer, as set forth in this RFP Response Packet and attachments, are true and correct and are made under penalty of perjury pursuant to the laws of California.
5. The undersigned acknowledges that the Proposer is, and will be, in good standing in the State of California, with all the necessary licenses, permits, certifications, approvals, and authorizations necessary to perform all obligations in connection with this RFP and associated RFP documents.
6. It is the responsibility of each Proposer to be familiar with all of the specifications, terms, and conditions and, if applicable, the site condition. By the submission of an RFP response, the Proposer certifies that if awarded a contract it will make no claim against the District based upon ignorance of conditions or misunderstanding of the specifications.
7. Patent indemnity: General or Professional Service Providers who do business with the District shall hold the District, its Directors, officers, agents, and employees harmless from liability of any nature or kind, including cost and expenses, for infringement or use of any patent, copyright or other proprietary right, secret process, patented or unpatented invention, article, or appliance furnished or used in connection with the contract or purchase order.
8. Insurance certificates are not required at the time of submission. However, by signing Exhibit A – RFP Response Packet, the Proposer agrees to meet the minimum insurance requirements stated in the RFP.

This documentation must be provided to the District prior to execution of an agreement by the District, and shall include an insurance certificate which meets the minimum insurance requirements, as stated in the RFP.

9. The undersigned acknowledges that RFP responses, in whole or in part, are NOT to be marked confidential or proprietary. The District may refuse to consider any RFP response or part thereof so marked. RFP responses submitted in response to this RFP may be subject to public disclosure. The District shall not be liable in any way for disclosure of any such records.
10. The undersigned Proposer hereby submits this RFP response and binds itself to the District. The RFP, subsequent Addenda, Proposers Response Packet, and any attachments, shall be used to form the basis of a Contract, which once executed shall take precedence.

11. The undersigned acknowledges **ONE** of the following (please check only one box)*:

- ☐ Proposer is not an SBE nor a DVBE and is ineligible for any Proposal preference; **OR**
- ☐ Proposer is an SBE or DVBE as described in the Contract Equity Program (CEP) and Equal Employment Opportunity (EEO) Guidelines, and has completed the CEP and EEO forms at the hyperlink contained in the CEP and EEO section of this Exhibit A.

*If no box is checked it will be assumed that the Proposer is ineligible for Proposal preference and none will be given. For additional information on SBE/DVBE Proposal preference please refer to the Contract Equity Program and Equal Employment Opportunity Guidelines at the above referenced hyperlink.

Official Name of Proposer (exactly as it appears on Proposer's corporate seal and invoice): _____

Street Address Line 1: _____

Street Address Line 2: _____

City: _____ State: _____ Zip Code: _____

Webpage: _____

Type of Entity / Organizational Structure (check one):

- | | |
|--|--|
| <input type="checkbox"/> Corporation | <input type="checkbox"/> Joint Venture |
| <input type="checkbox"/> Limited Liability Partnership | <input type="checkbox"/> Partnership |
| <input type="checkbox"/> Limited Liability Corporation | <input type="checkbox"/> Non-Profit / Church |
| <input type="checkbox"/> Other: _____ | |

Jurisdiction of Organization Structure: _____

Date of Organization Structure: _____

Federal Tax Identification Number: _____

Department of Industrial Relations (DIR) Registration Number: _____

Primary Contact Information:

Name / Title: _____

Telephone Number: _____ Fax Number: _____

E-mail Address: _____

Street Address Line 1: _____

City: _____ State: _____ Zip Code: _____

SIGNATURE: _____

Name and Title of Signer (printed): _____

Dated this _____ day of _____ 20_____



REQUIRED DOCUMENTATION AND SUBMITTALS

All of the specific documentation listed below is required to be submitted with the Exhibit A – RFP Response Packet. Proposers shall submit all documentation, in the order listed below, and clearly label each section of the RFP response with the appropriate title (i.e. Table of Contents, Letter of Transmittal, Key Personnel, etc.).

1. **Letter of Transmittal (maximum 1 page)**: RFP response shall include a description of the Proposer's capabilities and approach in providing its services to the District, and provide a brief synopsis of the highlights of the RFP response and overall benefits to the District. The letter should be signed by an individual having authority to execute an agreement with the District.
2. **Project Approach (maximum 5 pages)**: The proposal should include a clear and complete discussion of each task required to fulfill the project objectives, and in sufficient detail to present the Proposer's approach. In general, the project approach should demonstrate:
 - Adequate resources and expertise to complete the project tasks, as previously described.
 - The Consultant's understanding of the issues faced by recycled water treatment plants and the opportunities for increasing MF and RO system efficiency and lifespan. Recent operational data plots are provided in **Exhibit D**.
 - Extensive knowledge of cutting edge technologies in the recycled water treatment field to minimize MF and RO fouling rates in challenging wastewater matrices.
 - Discussion of how the Consultant will use existing data, information and in-house expertise to analyze opportunities to ensure reliable, cost-effective long-term operations at the RARE MF/RO facility.
 - Discussion of how the Consultant will work with District staff to develop alternative operating procedures/process controls and implement a monitoring and evaluation program that will ensure lasting results.

Proposer should describe each task in sufficient detail to present a clear summary of your approach, using the information presented in the RFP as a guide. Clearly identify planned meetings and deliverables for each task. Discuss any reasons for significant changes to the scope of work. As part of the proposal, respondents are encouraged to recommend changes or additions to the scope of work that may improve performance, reduce costs, or shorten the project schedule. Portions of the tasks may be performed concurrently.

3. **Project Management (no page limit)**: The proposed scope should describe how the Consultant proposes to:
 - Invoice the District and provide progress reports on budget, scope and schedule

- Attend and support project management and/or working meetings with the District
- Address any performance issues that may arise during the period of the contract

Additionally, the Consultant should provide estimates in hours of the level of effort required for project management activities.

4. **Key Personnel (no page limit)**: Include a complete list of all key personnel and a clear statement of project team responsibilities and reporting relationships, work structure for project control and review, and allocation of staff identified by name and firm for key tasks. Identify the Project Manager and key personnel that will lead the individual efforts. Indicate the portion of time that key staff will be available to work on the project. Indicate any tasks that the Consultant assumes will be completed by the District.
5. **Labor Hours Estimate (maximum 1 page)**: Provide a detailed breakdown of labor hours by task and position, including subconsultants. The labor hours estimate presented in the proposal will provide the District with the basis for contract negotiations with the selected Consultant.
6. **Schedule (maximum 1 page)**: Develop a detailed schedule for the project, including deliverables and other milestone dates in order to meet the required scope of services. Clearly identify the critical path and which tasks will occur concurrently.
7. **Resumes (no page limit)**: Attach resumes of pertinent key project staff. Resumes may be a maximum of two pages per person.
8. **References (no page limit)**:
 - (a) Proposers must use the templates in the “References” section of this Exhibit A – RFP Response Packet to provide references.
 - (b) References should have similar scope and requirements to those outlined in these specifications, terms, and conditions.
 - Proposers must verify the contact information for all references provided is current and valid.
 - Proposers are strongly encouraged to notify all references that the District may be contacting them to obtain a reference.
 - (c) The District may contact some or all of the references provided in order to determine Proposer’s performance record on work similar to that described in this RFP. The District reserves the right to contact references other than those provided in the RFP response and to use the information gained from them in the evaluation process.
9. **Fee Estimate (1 page maximum)**: The Proposer’s Fee Estimate shall include a fee estimate corresponding to the Labor Hour Estimate proposed above. A sample matrix is provided in Exhibit C – Consulting and Professional Services Agreement for East Bay Municipal Utility District and is labeled Exhibit B-1, “Cost Distribution.” Fees shall be listed by project task and shall include estimated costs for team member/job title, hourly billing rates, subconsultant markup costs, other direct costs, and estimated budget for the work. The Fee Estimate shall be

developed in a contract format and coordinated with the Proposed Scope of Work such that it could be used in the agreement with the District pending scope and budget negotiation.

Submit one (1) hardcopy of the Fee Estimate in a separate sealed envelope. The Proposer's Fee Estimate will remain in the sealed envelope until the top ranked Proposer is selected.

After the top ranked Proposer is determined, the District will review the selected Proposer's Fee Estimate and commence scope and budget negotiations for the agreement. If negotiations are not successful with the top ranked Proposer, the District will commence scope and budget negotiation for the agreement with the next highest ranked Proposer. During the negotiation, District staff will confirm that the proposed level of effort (hours and fees) is proportional and commensurate with the scope.

It should also be noted that the District reserves the right to review the reasonableness of overhead rates, other direct costs, expenses, and mark-ups, and to request changes in maximum billing rates. Compensation will be based on an hourly rate with a fixed cost ceiling.

Billing rate escalation shall be included in the overall proposed Fee Estimate. During the course of the agreement, billing rates may not be escalated unless the project proposed schedule is significantly extended, at which time, new rates may be incorporated into the agreement; however, the cost ceiling shall remain the same. The cost ceiling shall only be modified as mutually agreed to by both the District and the Proposer, and as stipulated in the agreement due to changes in scope.

10. **Exceptions, Clarifications, Amendments (no page limit):**

- (a) The RFP response shall include a separate section calling out all clarifications, exceptions, and amendments, if any, to the RFP and associated RFP documents, which shall be submitted with the proposer's RFP response using the template in the "Exceptions, Clarifications, Amendments" section of this Exhibit A – RFP Response Packet.
- (b) **THE DISTRICT IS UNDER NO OBLIGATION TO ACCEPT ANY EXCEPTIONS, AND SUCH EXCEPTIONS MAY BE A BASIS FOR RFP RESPONSE DISQUALIFICATION.**

11. **Contract Equity Program (no page limit, as required by CEP):**

- (a) Every proposer must fill out, sign, and submit the appropriate sections of the Contract Equity Program and Equal Employment Opportunity documents located at the hyperlink contained in the last page of this Exhibit A. Special attention should be given to completing Form P-25, "Employment Data and Certification". Any proposer needing assistance in completing these forms should contact the District's Contract Equity Office at (510) 287-0114 prior to submitting an RFP response.

PROPOSAL SUBMITTAL REQUIREMENTS

Section	Section	Not to Exceed
1	Transmittal Letter	1 page
2	Project Approach	5 pages
3	Project Management	No Limit
4	Key Personnel	No Limit
5	Labor Estimate	1 page
6	Schedule	1 page
7	Resumes	No Limit
8	References	No limit
9	Fee Estimate	1 page
10	Exceptions, Clarifications, Amendments	No limit
11	Contract Equity Program	No limit



REFERENCES

RFP for RARE MF/RO Process Support Project

Proposer Name: _____

Proposer must provide a minimum of five (5) references.

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	



REFERENCES

RFP for RARE MF/RO Process Support Project

Proposer Name: _____

SUBCONSULTANT (if proposed) must provide a minimum of three (3) references.

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Add a sheet for each subconsultant



EXCEPTIONS, CLARIFICATIONS, AMENDMENTS

RFP for RARE MF/RO Process Support Project

Proposer Name: _____

List below requests for clarifications, exceptions, and amendments, if any, to the RFP and associated RFP documents, and submit with your RFP response.

The District is under no obligation to accept any exceptions and such exceptions may be a basis for RFP response disqualification.

Reference to:			Description
Page No.	Section	Item No.	
p. 23	D	1.c.	<i>Proposer takes exception to...</i>

*Print additional pages as necessary



CONTRACT EQUITY PROGRAM & EQUAL EMPLOYMENT OPPORTUNITY

The District's Board of Directors adopted the Contract Equity Program (CEP) to enhance equal opportunities for business owners of all races, ethnicities, and genders who are interested in doing business with the District. The program has contracting objectives, serving as the minimum level of expected contract participation for the three availability groups: white-men owned businesses, white-women owned businesses, and ethnic minority owned businesses. The contracting objectives apply to all contracts that are determined to have subcontracting opportunities, and to all General or Professional Service Providers regardless of their race, gender, or ethnicity.

All Contractors and their subcontractors performing work for the District must be Equal Employment Opportunity (EEO) employers, and shall be bound by all laws prohibiting discrimination in employment. There shall be no discrimination against any person, or group of persons, on account of race, color, religion, creed, national origin, ancestry, gender including gender identity or expression, age, marital or domestic partnership status, mental disability, physical disability (including HIV and AIDS), medical condition (including genetic characteristics or cancer), genetic information, or sexual orientation.

Contractor and its subcontractors shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity, or national origin in the performance of this contract. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.

All Contractors shall include the nondiscrimination provisions above in all subcontracts.

Please include the required completed forms with your proposal. Non-compliance with the Guidelines may deem a proposal non-responsive, and therefore, ineligible for contract award. Your firm is responsible for:

- 1) Reading and understanding the CEP guidelines.
- 2) Filling out and submitting with your proposal the appropriate forms.

The CEP guidelines and forms can be found at the following direct link:

[Contract Equity Guidelines and Forms](#)

The CEP guidelines and forms can also be downloaded from the District website at the following link:

<http://ebmud.com/business-center/contract-equity-program/>

If you have questions regarding the Contract Equity Program please call (510) 287-0114.



EXHIBIT B

INSURANCE REQUIREMENTS

Insurance certificates are not required at the time of submission; however, by signing Exhibit A – RFP Response Packet, the Proposer agrees to meet the minimum insurance requirements stated in the RFP. This documentation must be provided to the District, prior to award.

For any coverage that is provided on a claims-made coverage form (which type of form is permitted only where specified) the retroactive date must be shown and must be before the date of this Agreement, and before the beginning of any Services related to this Agreement.

The insurance requirements under this Agreement shall be the greater of (1) the minimum coverage and limits specified in this Agreement; or (2) the broader coverage and maximum limits of coverage of any insurance policies or proceeds available to the Named Insured. It is agreed that these insurance requirements shall not in any way act to reduce coverage that is broader or that includes higher limits than the minimums required herein. No representation is made that the minimum insurance requirements of this Agreement are sufficient to cover the obligations of the CONTRACTOR.

The following are the minimum insurance limits, required by the District, to be held by the GENERAL OR PROFESSIONAL SERVICE PROVIDER performing on this RFP:

INSURANCE

A. Insurance Requirements

GENERAL OR PROFESSIONAL SERVICE PROVIDER shall take out and maintain during the life of the Agreement all the insurance required in this section, and if requested shall submit certificates for review and approval by the District. The Notice to Proceed shall not be issued, and GENERAL OR PROFESSIONAL SERVICE PROVIDER shall not commence work until such insurance has been approved by the District. The certificates shall be on forms approved by the District. Acceptance of the certificates shall not relieve GENERAL OR PROFESSIONAL SERVICE PROVIDER of any of the insurance requirements, nor decrease the liability of GENERAL OR PROFESSIONAL SERVICE PROVIDER. The District reserves the right to require GENERAL OR PROFESSIONAL SERVICE PROVIDER to provide insurance policies for review by the District.

B. Workers Compensation Insurance

GENERAL OR PROFESSIONAL SERVICE PROVIDER shall take out and maintain during the life of the Agreement Workers Compensation Insurance for all of its employees on the project. In lieu of evidence of Workers Compensation Insurance, the District will accept a Self-Insured Certificate from the State of California. GENERAL OR PROFESSIONAL SERVICE PROVIDER shall require any subcontractor to provide it with evidence of Workers Compensation Insurance.

Waiver of Subrogation. Workers' Compensation insurance must contain a waiver of subrogation endorsement providing that each insurer waives any rights of recovery by subrogation, or otherwise, against the DISTRICT, its directors, officers, officials, agents, volunteers, and employees. CONSULTANT shall defend and pay any damages as a result of failure to provide the waiver of subrogation from the insurance carrier.

C. Professional Liability Insurance (Errors and Omissions)

GENERAL OR PROFESSIONAL SERVICE PROVIDER shall maintain during the life of the agreement professional liability insurance with a minimum of \$2,000,000/Occurrence. A three year tail is required if coverage on a claims-made basis. A deductible may be acceptable upon approval by the District. The policy will provide 30 days advance written notice to the District for cancellation or reduction in coverage. The Consultant shall require any subcontractor to provide evidence of the same professional liability insurance coverage.

If Coverage is written on a claims-made form, the following shall apply:

1. The retroactive date must be shown, and must be before the date of the Agreement or the beginning of the Services.
2. Insurance must be maintained and evidence of insurance must be provided for a minimum of three (3) years after completion of the Services.
3. If claims-made coverage is canceled or non-renewed, and not replaced with another claims-made policies form with a retroactive date prior to the effective date of the Agreement, CONTRACTOR must purchase an extended period of coverage for a minimum of three (3) years after completion of the Services.

D. Commercial General Liability Insurance

GENERAL OR PROFESSIONAL SERVICE PROVIDER shall take out and maintain during the life of the Agreement Automobile and General Liability Insurance that provides protection from claims which may arise from operations or performance under this Agreement. If GENERAL OR PROFESSIONAL SERVICE PROVIDER elects to self-insure (self-fund) any liability exposure during the contract period above \$50,000, GENERAL OR PROFESSIONAL SERVICE PROVIDER is required to notify the District immediately. Any request to self-insure must first be approved by the District before the changed terms are accepted. GENERAL OR PROFESSIONAL SERVICE PROVIDER shall require any subcontractor or Professional Service Provider to provide evidence of liability insurance coverages.

The amounts of insurance shall be not less than the following:

\$2,000,000/Occurrence, Bodily Injury, Property Damage -- Automobile.
\$2,000,000/Occurrence, Bodily Injury, Property Damage -- General Liability.

The following coverages or endorsements must be included in the policy(ies):

1. The District, its Directors, officers, and employees are Additional Insureds in the policy(ies) as to the work being performed under the contract.

2. The coverage is *Primary and non-contributory* to any other applicable insurance carried by the District.
3. The policy(ies) covers *contractual liability*.
4. The policy(ies) is written on an *occurrence* basis.
5. The policy(ies) covers the District's Property in Consultant's care, custody, and control.
6. The policy(ies) covers *personal injury* (libel, slander, and wrongful entry and eviction) liability.
7. NOT USED
8. The policy(ies) covers *products and completed operations*.
9. The policy(ies) covers the use of *owned, non-owned*, and hired automobiles.
10. NOT USED
11. The policy(ies) will not be canceled nor the above coverages/endorsements reduced without 30 days written notice to East Bay Municipal Utility District at the address above.

EXHIBIT C
PROFESSIONAL SERVICES AGREEMENT
(EXAMPLE)

*(Standard Consulting Agreement for
Contracts Greater than \$80,000 - Revised 8/1/19)
(Note: Reference District Procedure No. 451)*

**CONSULTING AND PROFESSIONAL
SERVICES AGREEMENT FOR
EAST BAY MUNICIPAL UTILITY DISTRICT
(Project Title)**

THIS Agreement is made and entered into this _____ day of *(month)*, 201_, by and between **EAST BAY MUNICIPAL UTILITY DISTRICT**, a public entity, hereinafter called "DISTRICT," and *(CONSULTANT'S FULL LEGAL NAME, BOLD, ALL CAPS followed by type of entity [corporation, etc.])*, hereinafter called "CONSULTANT."

WITNESSETH

WHEREAS, DISTRICT requires consulting services for *(need for project)*; and

WHEREAS, DISTRICT has completed *(completed projects that pertain to this project - optional)*; and

WHEREAS, CONSULTANT has submitted a proposal to provide consulting services for *(state type - "preparation of planning documents", "preparation of design documents", or "construction management support services")* for the *(project title)* and CONSULTANT represents that it has the experience, licenses, qualifications, staff expertise and where necessary the required Department of Industrial Relations (DIR) registration to perform said services in a professional and competent manner; and

IF OVER \$80,000:

WHEREAS, DISTRICT Board of Directors has authorized the contract by Motion Number _____;

-OR- IF BETWEEN \$30,000 AND \$80,000:

WHEREAS, DISTRICT has authorized the contract by approval of the General Manager.

NOW, THEREFORE, it is mutually agreed by DISTRICT and CONSULTANT that for the considerations hereinafter set forth, CONSULTANT shall provide said services to DISTRICT, as set forth in greater detail herein.

ARTICLE 1 - SCOPE OF WORK

- 1.1 CONSULTANT agrees to furnish services set forth in Exhibit A, Scope of Services, attached hereto and incorporated herein. The services authorized under this Agreement shall also include all reports, manuals, plans, and specifications as set forth in Exhibit A.
- 1.2 CONSULTANT's work products shall be completed and submitted in accordance with DISTRICT's standards specified, and according to the schedule listed, in Exhibit A. The completion dates specified herein may be modified by mutual agreement between DISTRICT and CONSULTANT provided that DISTRICT's Project Manager notifies CONSULTANT of modified completion dates by letter. CONSULTANT agrees to diligently perform the services to be provided under this Agreement. In the performance of this Agreement, time is of the essence.
- 1.3 It is understood and agreed that CONSULTANT has the professional skills necessary to perform the work agreed to be performed under this Agreement, that DISTRICT relies upon the professional skills of CONSULTANT to do and perform CONSULTANT's work in a skillful and professional manner, and CONSULTANT thus agrees to so perform the work. CONSULTANT represents that it has all the necessary licenses to perform the work and shall maintain them during the term of this Agreement. CONSULTANT agrees that the work performed under this Agreement shall follow practices usual and customary to the (*state type - for example "engineering"*) profession and that CONSULTANT is the engineer in responsible charge of the work for all activities performed under this Agreement. Acceptance by DISTRICT of the work performed under this Agreement does not operate as a release of CONSULTANT from such professional responsibility for the work performed.
- 1.4 CONSULTANT agrees to maintain in confidence and not disclose to any person or entity, without DISTRICT's prior written consent, any trade secret or confidential information, knowledge or data relating to the products, process, or operation of DISTRICT. CONSULTANT further agrees to maintain in confidence and not to disclose to any person or entity, any data, information, technology, or material developed or obtained by CONSULTANT during the term of this Agreement. The covenants contained in this paragraph shall survive the termination of this Agreement for whatever cause.
- 1.5 The originals of all computations, drawings, designs, graphics, studies, reports, manuals, photographs, videotapes, data, computer files, and other documents prepared or caused to be prepared by CONSULTANT or its subconsultants in connection with these services shall be delivered to and shall become the exclusive property of DISTRICT. DISTRICT is licensed to utilize these documents for DISTRICT applications on other projects or extensions of this project, at its own risk. CONSULTANT and its subconsultants may retain and use copies of such documents, with written approval of DISTRICT.
- 1.6 CONSULTANT is an independent contractor and not an employee of DISTRICT. CONSULTANT expressly warrants that it will not represent that it is an employee or servant of DISTRICT.

- 1.7 CONSULTANT is retained to render professional services only and all payments made are compensation solely for such services as it may render and recommendations it may make in carrying out the work.
- 1.8 It is further understood and agreed by the parties hereto that CONSULTANT in the performance of its obligations hereunder is subject to the control or direction of DISTRICT as to the designation of tasks to be performed, the results to be accomplished by the services hereunder agreed to be rendered and performed, and not the means, methods, or sequence used by the CONSULTANT for accomplishing the results.
- 1.9 If, in the performance of this agreement, any third persons are employed by CONSULTANT, such person shall be entirely and exclusively under the direction, supervision, and control of CONSULTANT. All terms of employment, including hours, wages, working conditions, discipline, hiring, and discharging, or any other terms of employment or requirements of law, shall be determined by CONSULTANT, and DISTRICT shall have no right or authority over such persons or the terms of such employment.
- 1.10 It is further understood and agreed that as an independent contractor and not an employee of DISTRICT, neither the CONSULTANT nor CONSULTANT's assigned personnel shall have any entitlement as a DISTRICT employee, right to act on behalf of DISTRICT in any capacity whatsoever as agent, nor to bind DISTRICT to any obligation whatsoever. CONSULTANT shall not be covered by DISTRICT's worker's compensation insurance; nor shall CONSULTANT be entitled to compensated sick leave, vacation leave, retirement entitlement, participation in group health, dental, life or other insurance programs, or entitled to other fringe benefits payable by DISTRICT to employees of DISTRICT.

ARTICLE 2 - COMPENSATION

- 2.1 For the Scope of Services described in Exhibit A, DISTRICT agrees to pay CONSULTANT actual costs incurred, subject to a Maximum Cost Ceiling of **\$(dollars)**, plus a Professional Fee (prorata dollar profit). The Professional Fee shall be subject to a Professional Fee Ceiling of **\$(dollars)**. Total compensation under the Agreement shall not exceed a Maximum Agreement Ceiling of **\$(dollars)**. Compensation for services shall be in accordance with the method and amounts described in Exhibit B, attached hereto and incorporated herein. CONSULTANT acknowledges that construction work on public works projects requires DIR registration and is subject to prevailing wage rates and includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work. CONSULTANT certifies that the proposed cost and pricing data used herein reflect the payment of prevailing wage rates where applicable and are complete, current, and accurate.
- 2.2 In case of changes affecting project scope resulting from new findings, unanticipated conditions, or other conflicts or discrepancies, CONSULTANT shall promptly notify

DISTRICT of the identified changes and advise DISTRICT of the recommended solution. Work shall not be performed on such changes without prior written authorization of DISTRICT.

ARTICLE 3 - NOTICE TO PROCEED

- 3.1 This Agreement shall become effective upon execution of the second signature. CONSULTANT shall commence work upon receipt of DISTRICT's Notice to Proceed, which shall be in the form of a letter signed by DISTRICT's Project Manager. DISTRICT's Notice to Proceed will authorize the Contracted Services described in Exhibit A with ceiling prices described in ARTICLE 2 – COMPENSATION. No work shall commence until the Notice to Proceed is issued.

(Include the following paragraph only if your scope of services includes Optional Services.)

- 3.2 DISTRICT may at its option issue a Notice to Proceed for some or all of the Optional Services tasks described in Exhibit A. Compensation for Optional Services shall be in accordance with the method and amounts described in Exhibit B.

ARTICLE 4 - TERMINATION

- 4.1 This Agreement may be terminated by DISTRICT immediately for cause or upon 10 days written notice, without cause, during the performance of the work.
- 4.2 If this Agreement is terminated CONSULTANT shall be entitled to compensation for services satisfactorily performed to the effective date of termination; provided however, that DISTRICT may condition payment of such compensation upon CONSULTANT's delivery to DISTRICT of any and all documents, photographs, computer software, videotapes, and other materials provided to CONSULTANT or prepared by CONSULTANT for DISTRICT in connection with this Agreement. Payment by DISTRICT for the services satisfactorily performed to the effective date of termination, shall be the sole and exclusive remedy to which CONSULTANT is entitled in the event of termination of the Agreement and CONSULTANT shall be entitled to no other compensation or damages and expressly waives same. Termination under this Article 4 shall not relieve CONSULTANT of any warranty obligations or the obligations under Articles 1.4 and 7.1.

(Optional)

- 4.3 This Agreement may be terminated by CONSULTANT upon 10 days written notice to DISTRICT only in the event of substantial failure by DISTRICT to fulfill its obligations under this Agreement through no fault of the CONSULTANT.
- 4.4 If this Agreement is terminated, payment of the Professional Fee shall be in proportion to the percentage of work that DISTRICT judges satisfactorily performed up to the effective date of termination. The Professional Fee shall be prorated based upon a ratio of the actual Direct Labor and Indirect Costs expended to date divided by the Cost Ceiling.

ARTICLE 5 - PROJECT MANAGERS

- 5.1 DISTRICT designates (*District Project Manager's name*) as its Project Manager, who shall be responsible for administering and interpreting the terms and conditions of this Agreement, for matters relating to CONSULTANT's performance under this Agreement, and for liaison and coordination between DISTRICT and CONSULTANT. CONSULTANT may be requested to assist in such coordinating activities as necessary as part of the services. In the event DISTRICT wishes to make a change in the DISTRICT's representative, DISTRICT will notify CONSULTANT of the change in writing.
- 5.2 CONSULTANT designates (*Consultant Project Manager's name*) as its Project Manager, who shall have immediate responsibility for the performance of the work and for all matters relating to performance under this Agreement. Any change in CONSULTANT designated personnel or subconsultant shall be subject to approval by the DISTRICT Project Manager. (*The following sentence is optional.*) CONSULTANT hereby commits an average of (*1 to 100*) percent of (*Consultant Project Manager's name*) time on this project for the duration of the project.

ARTICLE 6 - CONTRACT EQUITY PROGRAM COMPLIANCE

- 6.1 CONSULTANT expressly agrees that this Agreement is subject to DISTRICT's Contract Equity Program ("CEP"). CONSULTANT is familiar with the DISTRICT's CEP and Equal Opportunity Guidelines, and has read and understood all of the program requirements. CONSULTANT understands and agrees to comply with the CEP and all requirements therein, including each of the Good Faith Efforts. CONSULTANT further understands and agrees that non-compliance with the CEP requirements may result in termination of this Agreement.

[Paragraph 6.2 to be used when there is subcontracting/subconsulting opportunities. See CEP office for details.]

- 6.2 Designated CEP compliance for the duration of this Agreement is listed in Exhibit C, which is attached hereto and incorporated herein. CONSULTANT shall maintain records of the total amount actually paid to each subconsultant. Any change of CONSULTANT'S listed subconsultants shall be subject to approval by the DISTRICT'S Project Manager.

ARTICLE 7 - INDEMNIFICATION AND INSURANCE

(Insurance criteria may vary – refer to the Risk Management Section Guidelines. Contact the Risk Management Section for copy of latest version.)
(IF DEPT. WANTS TO MODIFY INDEMNITY LANGUAGE, PLEASE SUBMIT JUSTIFICATION IN WRITING TO LEGAL, CC: RISK MANAGER.)

(FOR DESIGN PROFESSIONAL CONTRACTS (ENGINEERS, ARCHITECTS, LANDSCAPE ARCHITECTS, LAND SURVEYORS OR THEIR FIRMS), USE 7.1 BELOW:

7.1 Indemnification

CONSULTANT expressly agrees to defend, indemnify and hold harmless DISTRICT and its Directors, officers, agents and employees from and against any and all loss, liability, expenses, claims, suits, and damages, including attorneys' fees, arising out of or pertaining to, or relating to CONSULTANT's, its associates', employees', subconsultants', or other agents' negligence, recklessness or willful misconduct in the operation and/or performance under this Agreement.

Where applicable by law, the duty to indemnify, including the cost to defend is limited in accordance with California Civil Code § 2782.8.

(OR if contract is NOT with a design professional (engineers, architects, landscape architects, land surveyors or their firms) USE THIS PARAGRAPH 7.1 INSTEAD:

7.1 Indemnification

CONSULTANT expressly agrees to defend, indemnify, and hold harmless DISTRICT and its Directors, officers, agents and employees from and against any and all loss, liability, expense, claims, suits, and damages, including attorneys' fees, arising out of or resulting from CONSULTANT's, its associates', employees', subconsultants', or other agents' negligent acts, errors or omissions, or willful misconduct, in the operation and/or performance under this Agreement.

7.2 *(For construction management support Agreements only)*

CONSULTANT shall perform part of the work at sites where the DISTRICT's facilities are to be constructed, and which may contain unknown working conditions and contaminated materials. CONSULTANT shall be solely responsible for the health and safety of CONSULTANT's employees. CONSULTANT shall designate in writing to DISTRICT the field employee who is responsible for the health and safety of its employees. The responsible employee shall have experience and knowledge of all Federal, State and local health and safety regulation requirements. All CONSULTANT personnel on construction sites shall have received all OSHA required health and safety training.

7.3 *(For construction management support Agreements only)*

In the event that any hazardous materials are encountered during the services provided by CONSULTANT or the work undertaken by construction contractors, DISTRICT shall sign any and all manifests relating to the generation, treatment, disposal or storage of all wastes associated with the work. Additionally, nothing contained in this Agreement shall be construed or interpreted as requiring CONSULTANT to assume the status of a generator, storer, treater, transporter, or disposal facility as those terms appear within the Resource Conservation and Recovery Act, 42 USCA, Section 6901, et seq. (RCRA), or

within any state statute of similar effect governing the generation, storage, treatment, transportation, or disposal of wastes.

7.4 ***(For construction management support Agreements only - include only if design consultant and CM consultant are not the same)***

It is agreed and understood by CONSULTANT and DISTRICT that the design services have been completed by ***(design consultant's name)*** and therefore, CONSULTANT did not undertake any design activity or have design responsibility of the facilities to be constructed prior to execution of this Agreement.

7.5 **Insurance Requirements**

CONSULTANT shall take out and maintain during the life of the Agreement all the insurance required in this ARTICLE, and shall submit certificates for review and approval by DISTRICT. The Notice to Proceed shall not be issued, and CONSULTANT shall not commence work until such insurance has been approved by DISTRICT. The certificates shall be on forms provided by DISTRICT. *(see*

[Certificate of General and Auto Liability Insurance 8-11.doc](#)

[Certification of Professional Liability Ins.doc](#)

[Certification of Workers Comp Insurance 3-26-10.doc](#)

[Certificate of Pollution Liability Insurance 8-23-11.doc](#)

print out for consultant's use)

Acceptance of the certificates shall not relieve CONSULTANT of any of the insurance requirements, nor decrease the liability of CONSULTANT. DISTRICT reserves the right to require CONSULTANT to provide insurance policies for review by DISTRICT.

For any coverage that is provided on a claims-made coverage form (which type of form is permitted only where specified), the retroactive date must be shown and must be before the date of this Agreement, and before the beginning of any Services related to this Agreement.

The insurance requirements under this Agreement shall be the greater of (1) the minimum coverage and limits specified in this Agreement; or (2) the broader coverage and maximum limits of coverage of any insurance policies or proceeds available to the Named Insured. It is agreed that these insurance requirements shall not in any way act to reduce coverage that is broader or that includes higher limits than the minimums required herein. No representation is made that the minimum insurance requirements of this Agreement are sufficient to cover the obligations of the CONSULTANT.

7.6 **Workers Compensation Insurance**

CONSULTANT shall take out and maintain during the life of the Agreement, Workers Compensation Insurance, for all of its employees on the project. In lieu of evidence of Workers Compensation Insurance, DISTRICT will accept a Self-Insured Certificate from the State of California. CONSULTANT shall require any subconsultant to provide it with

evidence of Workers Compensation Insurance.

Workers' Compensation insurance must contain a waiver of subrogation endorsement providing that each insurer waives any rights of recovery by subrogation, or otherwise, against the DISTRICT, its directors, officers, officials, agents, volunteers, and employees. CONSULTANT shall defend and pay any damages as a result of failure to provide the waiver of subrogation from the insurance carrier.

7.7 Commercial General Liability Insurance

CONSULTANT shall take out and maintain during the life of the Agreement Automobile and General Liability Insurance that provides protection from claims which may arise from operations or performance under this Agreement. If CONSULTANT elects to self-insure (self-fund) any liability exposure during the contract period above \$50,000, CONSULTANT is required to notify the DISTRICT immediately. Any request to self-insure must first be approved by the DISTRICT before the changed terms are accepted. CONSULTANT shall require any subconsultant to provide evidence of liability insurance coverages.

The amounts of insurance coverages shall not be less than the following:

\$2,000,000/Occurrence, Bodily Injury, Property Damage – Automobile.

\$2,000,000/Occurrence, Bodily Injury, Property Damage – General Liability.

The following coverages or endorsements must be included in the policy(ies): ***(Use only those coverages that apply and type [x] in boxes on Public Liability Certificate. Questions should be directed to Risk Management, x0177.)***

1. The DISTRICT, its Directors, Officers, and Employees are Additional Insureds in the policy(ies) as to the work being performed under this Agreement.
2. The coverage is Primary and non-contributory to any other insurance carried by DISTRICT.
3. The policy(ies) cover(s) contractual liability.
4. The policy(ies) is/are written on an occurrence basis.
5. The policy(ies) cover(s) District's Property in Consultant's care, custody and control.
6. The policy(ies) cover(s) personal injury (libel, slander, and wrongful entry and eviction) liability.
7. The policy(ies) cover(s) explosion, collapse and underground hazards.

8. The policy(ies) cover(s) products and completed operations.
9. The policy(ies) cover(s) use of owned, non-owned and hired automobiles.
10. The policy(ies) and/or a separate pollution liability policy(ies) shall cover pollution liability for claims related to the release or the threatened release of pollutants into the environment arising out of or resulting from Consultant's performance under this agreement.
11. The policy(ies) will not be canceled nor the above coverages/endorsements reduced without 30 days written notice to East Bay Municipal Utility District at the address above.

7.8 Professional Liability Insurance

CONSULTANT shall take out and maintain during the life of the Agreement, professional liability insurance (Errors and Omissions) with a minimum of \$1,000,000 of liability coverage. A deductible may be acceptable upon approval of the DISTRICT. The policy shall provide 30 days advance written notice to DISTRICT for cancellation or reduction in coverage.

If Errors and Omissions or Pollution Coverage is written on a claims-made form, the following shall apply:

- a. The retroactive date must be shown, and must be before the date of the Agreement or the beginning of the Services.
- b. Insurance must be maintained and evidence of insurance must be provided for a minimum of three (3) years after completion of the Services.
- c. If claims-made coverage is canceled or non-renewed, and not replaced with another claims-made policies form with a retroactive date prior to the effective date of the Agreement, CONTRACTOR must purchase an extended period of coverage for a minimum of three (3) years after completion of the Services.

ARTICLE 8 - NOTICES

Any notice which DISTRICT may desire or is required at any time to give or serve CONSULTANT may be delivered personally, or be sent by United States mail, postage prepaid, addressed to:

(consulting firm's name)

(address)

Attention: *(contact, usually the consultant's project manager),*

or at such other address as shall have been last furnished in writing by CONSULTANT to DISTRICT.

Any notice which CONSULTANT may desire or is required at any time to give or serve upon DISTRICT may be delivered personally at EBMUD, 375 - 11th Street, Oakland, CA 94607-4240, or be sent by United States mail, postage prepaid, addressed to:

Director of (*Wastewater Department or Engineering and Construction Department*)
P.O. Box 24055
Oakland, CA 94623-1055

or at such other address as shall have been last furnished in writing by DISTRICT to CONSULTANT.

Such personal delivery or mailing in such manner shall constitute a good, sufficient and lawful notice and service thereof in all such cases.

ARTICLE 9 - MISCELLANEOUS

- 9.1 This Agreement represents the entire understanding of DISTRICT and CONSULTANT as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered hereunder. This Agreement may only be modified by amendment in writing signed by each party.
- 9.2 This Agreement is to be binding on the successors and assigns of the parties hereto. The services called for herein are deemed unique and CONSULTANT shall not assign, transfer or otherwise substitute its interest in this Agreement or any of its obligations hereunder without the prior written consent of DISTRICT.
- 9.3 Should any part of this Agreement be declared by a final decision by a court or tribunal of competent jurisdiction to be unconstitutional, invalid or beyond the authority of either party to enter into or carry out, such decision shall not affect the validity of the remainder of this Agreement, which shall continue in full force and effect, provided that the remainder of this Agreement can be interpreted to give effect to the intentions of the parties.
- 9.4 Multiple copies of this Agreement may be executed by the parties and the parties agree that the Agreement on file at the DISTRICT is the version of the Agreement that shall take precedence should any differences exist among counterparts of the Agreement.
- 9.5 This Agreement and all matters relating to it shall be governed by the laws of the State of California.
- 9.6 The District's waiver of the performance of any covenant, condition, obligation, representation, warranty or promise in this agreement shall not invalidate this Agreement or be deemed a waiver of any other covenant, condition, obligation, representation,

warranty or promise. The District's waiver of the time for performing any act or condition hereunder does not constitute a waiver of the act or condition itself.

- 9.7 There shall be no discrimination in the performance of this contract, against any person, or group of persons, on account of race, color, religion, creed, national origin, ancestry, gender including gender identity or expression, age, marital or domestic partnership status, mental disability, physical disability (including HIV and AIDS), medical condition (including genetic characteristics or cancer), veteran or military status, family or medical leave status, genetic information, or sexual orientation. CONSULTANT shall not establish or permit any such practice(s) of discrimination with reference to the contract or any part. CONSULTANTS determined to be in violation of this section shall be deemed to be in material breach of this Agreement.

Consultant shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity, or national origin in the performance of this contract. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.

CONSULTANT shall include the nondiscrimination provisions above in all subcontracts.

- 9.8 CONSULTANT affirms that it does not have any financial interest or conflict of interest that would prevent CONSULTANT from providing unbiased, impartial service to the DISTRICT under this Agreement.

ARTICLE 10 - TERM

Unless terminated pursuant to Article 4 herein, this Agreement shall expire when all tasks have been completed and final payment has been made by DISTRICT.

(NOTE: do not have a page break leaving signatures by themselves—must have at least the “in witness whereof” paragraph on signature page)

IN WITNESS WHEREOF, the parties hereto each herewith subscribe the same in duplicate.

EAST BAY MUNICIPAL UTILITY DISTRICT

By: _____ Date _____
(Name),
(Insert title - Director of Engineering and Construction or Manager of Support Services)

Approved As To Form

By: _____
for the Office of the General Counsel

(CONSULTING FIRM'S NAME, ALL CAPS & BOLD)

By: _____ Date _____
(Name),
(Title)

Rev. 8/1/19

EXHIBIT A

East Bay Municipal Utility District (Project Title)

SCOPE OF SERVICES

I. CONSULTANT SERVICES

CONSULTANT shall provide the following:

Contracted Services

(State each task with associated task number; specifically call out any survey work)

Optional Services

(State each task with associated task number)

II. PROJECT SCHEDULE

(List schedule milestones and completion dates)

EXHIBIT B

East Bay Municipal Utility District (Project Title)

COMPENSATION

Compensation for services provided in Exhibit A, SCOPE OF SERVICES, shall be in accordance with the methods and specific amounts described in this Exhibit.

1. DISTRICT shall pay CONSULTANT only the actual costs incurred, subject to the agreed cost ceiling. CONSULTANT certifies that the cost and pricing information used herein are complete, current and accurate. CONSULTANT acknowledges that it will expend public funds and hereby agrees to use every appropriate method to contain its fees and minimize costs under this Agreement.
2. Compensation for CONSULTANT services authorized shall be on a cost reimbursement basis and include Direct Labor, Indirect Costs, Subconsultant Services, Other Direct Costs, and a Professional Fee. Costs to be paid comprise the following:

2.1 Direct Labor

Direct labor costs shall be the total number of hours worked on the job by each employee times the actual hourly rate for such employee's labor. Hours worked shall be rounded-up to the nearest quarter-hour (0.25) increment. Labor costs for principals shall be based upon the actual hourly rate of pay for those individuals. Labor rates shall be based on a normal 8-hour day, 40-hour week. DISTRICT will pay all personnel at their regular rate including any work performed on overtime or on holidays or weekends.

2.2 Indirect Costs

DISTRICT shall pay CONSULTANT an overhead expense equal to (*insert overhead rate*) percent of labor costs incurred by CONSULTANT. CONSULTANT acknowledges and agrees that this overhead compensation is in lieu of itemized payments for indirect and overhead expenses which includes, but is not limited to:

- Clerical, word processing and/or accounting work.
- Vehicle usage and mileage between CONSULTANT's office and DISTRICT offices or work locations within DISTRICT service area. For work outside of the DISTRICT's services area, DISTRICT approval to charge for vehicle usage and mileage and other travel expenses must be obtained prior to the expenses being incurred.

- Parking (DISTRICT does NOT provide parking to CONSULTANT in the DISTRICT Administration Building, located at 375 11th Street, Oakland, California. CONSULTANT shall be responsible for parking elsewhere).
- Postage, or for certified or registered mail. Extraordinary postage, overnight delivery, or messenger delivery charges must be approved in advance.
- Routine copying costs for in-house copying.
- Local telephone charges, including cellular phone, modem and telecopier/FAX charges.
- Office space lease.
- Office supplies.
- Computer equipment.
- Computer usage charges.
- Books, publications and periodicals.
- Insurance.
- Miscellaneous hand tools or equipment rental.
- Safety training, seminars or continuing education.
- Utilities.
- Local meals, transportation or other travel charges.
- Inadequately described or miscellaneous expenses.

The above items are illustrative, rather than exhaustive.

2.3 Subconsultant Services

Subconsultant services shall be billed at cost (plus a (*insert rate*) percent markup).

2.4. Other Direct Costs

Other Direct Costs shall be approved by DISTRICT in advance in writing, and shall be billed at cost, without markup. These costs include, but are not limited to the following:

- 2.4.1. Automobile expenses at (*insert rate*) cents per mile when CONSULTANT is required to travel outside of the DISTRICT's service area. Mileage will NOT be reimbursed for rental car expenses, where the rental agreement specifies unlimited mileage.
- 2.4.2. DISTRICT will pay for necessary and reasonable travel expenses provided the travel is approved in advance by DISTRICT Project Manager, and providing that:
 - Each expense is separately identified (air fare, hotel, rental car) with an amount and date incurred. Confirming documents may be requested.

- Charged mileage for vehicle mileage shall not exceed the current allowable Internal Revenue Service rate.
- Air travel is coach or economy rate for refundable tickets. Business and first class rates will not be reimbursed.
- Lodging accommodations are moderately priced.
- Meal charges are reasonable. (Reimbursement for meals will only be made in conjunction with out-of-town travel.)
- Taxis or shuttles are used rather than rental cars whenever cost effective.
- Rental cars are intermediate or compact class only.

2.5 Professional Fee

As a portion of the total compensation to be paid to CONSULTANT, DISTRICT shall pay the Professional Fee, subject to the agreed Professional Fee Ceiling of **\$(dollars)** as specified in Exhibit B-1, as profit for services rendered by CONSULTANT covered by this Agreement. CONSULTANT shall earn the Professional Fee based on a **(insert rate)** percent markup of CONSULTANT's Direct Labor and Indirect Costs billed and approved.

2.6 Budget Amounts

	<u>Contracted Services</u>	<u>Optional Services</u>	<u>Maximum Services*</u>
Cost Ceiling	\$(dollars)	\$(dollars)	\$(dollars)
Professional Fee Ceiling	(dollars)	(dollars)	(dollars)
Agreement Ceiling	(dollars)	(dollars)	(dollars)

**** (Maximum Services is the sum of Contracted and Optional Services. If your scope has no Optional Services, delete the Contracted and Optional Services columns.)***

The Cost Ceiling shown above is based upon the cost estimate and labor hours attached hereto as Exhibit B-1 and Exhibit B-2. Costs described above, comprising Direct Labor, Indirect Costs, Subconsultant Services, Other Direct Costs, and Professional Fee, shall be payable up to the Agreement Ceiling as specified herein.

2.7 Billing and Payment

CONSULTANT shall invoice DISTRICT monthly for the actual costs incurred and a prorated Professional Fee for work performed during the previous month. Actual costs shall include Direct Labor, Indirect Costs, Subconsultant Services, and Other Direct Costs as specified herein. Actual costs shall be invoiced by task as described in Exhibit A. Invoices shall set forth a description of the actual costs

incurred and the services performed, the date the services were performed and the amount of time spent rounded to the nearest quarterly hour increment (.25) on each date services were performed and by whom. Supporting documentation for the invoice shall be organized to clearly identify the task charged and shall be supported by such copies of invoices, payroll records, and other documents as may be required by DISTRICT to authenticate invoiced costs. Copies of all invoices from any subconsultant(s) and outside service(s) shall be attached.

(Insert the following sentence if paragraph 2.9 below applies and is included in agreement. "Where CONSULTANT is required by law to pay prevailing wage rates, supporting documentation for such work shall be in accordance with guidelines set forth below and shall include certified payroll reports. ")

DISTRICT shall pay CONSULTANT within thirty (30) days, upon receipt of a proper CONSULTANT invoice, ***(Optional insert - include the following words here only if retention will be accumulated: "the amount invoiced less a ten percent (10%) retention amount,")***, provided that all invoices are accompanied by sufficient cost documentation, and DISTRICT Form P-47 (Subcontractor Payment Report - CEP Participation), to allow the determination of the reasonableness and accuracy of said invoice. ***(Optional insert - include the following sentence here only if retention will be accumulated: "The retention accumulated to date shall be paid by DISTRICT upon DISTRICT's acceptance of the final version of all documents specified in ARTICLE 1 - SCOPE OF WORK, paragraph 1.6.")***

A ceiling price is in effect for the entire Scope of Services. If the authorized Agreement Ceiling, including the authorized Professional Fee Ceiling, is reached, CONSULTANT shall complete the agreed-upon work for the authorized Agreement Ceiling. Labor hours may be reallocated within the tasks without renegotiation of the Agreement with written approval from the DISTRICT Project Manager in such a manner so as not to exceed the Agreement ceiling price. In no event shall the Cost Ceiling of the Agreement or the Professional Fee Ceiling be increased unless there is a written amendment of this Agreement.

2.8 Budget Status Reports

For the duration of this Agreement, the CONSULTANT shall provide DISTRICT with ***("bi-weekly" or "monthly" depending on duration of project)*** budget status reports that include, in tabular or graphical format, for each report period: (1) the original cumulative projected cash flows for the duration of the project (prepared at the start of the project), (2) the actual cash flows for the work completed to date, (3) the current projected cash flows to complete the project, and (4) the earned value (the amount of work actually completed to date compared to the budget expended). Current projected cash flows shall be based on all CONSULTANT and subconsultant time sheets up to a date within 3 weeks of the date of the budget status report.

- 2.9. Prevailing Wages and Other Requirements for Construction Inspection, and Construction Related Work During Design and Preconstruction Phases of Construction. *(Optional Insert – include this paragraph 2.9 and all its subparagraphs if your Scope of Services includes construction, alteration, demolition, installation, maintenance, repair work, or other construction related work during the design or preconstruction phases of construction including but not limited to inspection and land surveying.)*
- 2.9.1 All Contractors and Subcontractors of any tier bidding on, or offering to performing work on a public works project shall first be registered with the State Department of Industrial Relations (DIR) pursuant to Section 1725.5 of the Labor Code. No bid will be accepted nor any contract entered into without proof of the Contractor and Subcontractors' current registration with the DIR (LC § 1771.1).
- 2.9.2 All public works projects awarded after January 1, 2015, are subject to compliance monitoring and enforcement by the DIR (LC § 1771.4) and all Contractors are required post job site notices, "as prescribed by regulation" (LC § 1771.4).
- 2.9.3 Pursuant to Section 1773 of the Labor Code, the District has obtained from the Director of Industrial Relations of the State of California, the general prevailing rates of per diem wages and the general prevailing rates for holiday and overtime work in the locality in which the Work is to be performed, for each craft, classification, or type of worker needed to execute the contract. A copy of the prevailing wage rates is on file with the District and available for inspection by any interested party at www.dir.ca.gov.
- 2.9.4 The Contractor shall post a copy of the general prevailing rate of per diem wages at the jobsite pursuant to Section 1773.2 of the Labor Code.
- 2.9.5 Pursuant to Section 1774 of the Labor Code, the Contractor and any of its Subcontractors shall not pay less than the specified prevailing rate of wages to all workers employed in the execution of the contract.
- 2.9.6 The Contractor shall, as a penalty to the State or the District, forfeit not more than the maximum set forth in Section 1775 of the Labor Code for each calendar day, or portion thereof, for each worker paid less than the prevailing rates for the work or craft in which the worker is employed under the contract by the Contractor or by any Subcontractor under him. The difference between the prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which such worker was paid less than the stipulated prevailing wage rate shall be paid to such worker by the Contractor.

- 2.9.7 General prevailing wage determinations have expiration dates with either a single asterisk or a double asterisk. Pursuant to California Code of Regulations, Title 8, Section 16204, the single asterisk means that the general prevailing wage determination shall be in effect for the specified contract duration. The double asterisk means that the predetermined wage modification shall be paid after the expiration date. No adjustment in the Contract Sum will be made for the Contractor's payment of these predetermined wage modifications.
- 2.9.8 The Contractor and each Subcontractor shall keep an accurate payroll record, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker or other employee employed in connection with the Work. The payroll records shall be certified and shall be available for inspection in accordance with the provisions of Section 1776 of the Labor Code. Certified payroll records shall be on the forms provided by the DIR or contain the same information required on the Department's form
- 2.9.9 For public works projects awarded on or after April 1, 2015, or that are still ongoing after April 1, 2016, no matter when awarded, each Contractor and Subcontractor shall furnish the certified payroll related records as more specifically described above and in Labor Code section 1776 directly to the Labor Commissioner (see LC § 1771.4). These records shall be provided to the Labor Commissioner at least monthly or more frequently if required by the terms of the Contract. For exception on projects covered by collective bargaining agreements like a PLA, please see Labor Code section 1771.4.
- 2.9.10 In the event of noncompliance with the requirements of Section 1776 of the Labor Code, the Contractor shall have 10 days in which to comply subsequent to receipt of written notice specifying in what respects such Contractor must comply with said Section. Should noncompliance still be evident after such 10-day period, the Contractor shall, as a penalty to the State or the District, forfeit the amount set forth in Section 1776 of the Labor Code for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement, such penalties shall be withheld from progress payments then due.
- 2.9.11 Pursuant to the provisions of Sections 1810, et seq. of the Labor Code the time of service of any worker employed upon the work shall be limited and restricted to eight hours during any one calendar day, and forty hours during any one calendar week, unless work performed by employees of the Contractor in excess of eight hours per day, and forty hours during any

one calendar week, shall be permitted upon compensation for all hours worked in excess of eight hours per day at not less than one and one half times the basic rate of pay.

- 2.9.12 The Contractor shall, as a penalty to the State or the District, forfeit the amount set forth in Section 1813 of the Labor Code for each worker employed by the Contractor or by any Subcontractor for each calendar day during which such worker is required or permitted to work more than eight hours in any calendar day and forty hours in any one calendar week in violation of the provisions of Labor Code, Sections 1810, et seq.
- 2.9.13 The Contractor and every Subcontractor shall keep an accurate record showing the name of and the actual hours worked each calendar day and each calendar week by each worker employed by him in connection with the Work; the record shall be kept open at all reasonable hours to the inspection of the District and to the Division of Labor Standards Enforcement of the State of California.
- 2.9.14 In the performance of a public works contract, the Contractor and any Subcontractor shall comply with the provisions concerning the employment of apprentices in Section 1777.5 of the Labor Code and any amendments thereof. In the event the Contractor or any Subcontractor willfully fails to comply with this requirement the Contractor or Subcontractor shall be subject to the penalties for noncompliance in Labor Code section 1777.7.
- 2.9.15 The Contractor and every Subcontractor shall post at the workplace and comply with all required wage related workplace postings. Copies of the required postings may be downloaded or ordered electronically from the Department of Industrial Relations website at <http://www.dir.ca.gov/wpnodb.html>.

(Note: this table is prepared by the consultant. The following is provided to show format.)

EXHIBIT B-1

East Bay Municipal Utility District
(Project Title)

COST DISTRIBUTION

[illegible]

I. Contracted Services

Task 1.1:

Task 1.2:

Task 2.1:

Task 2.2:

Subtotal I.

(***) (***) (***) (***) (***) (***)

II. Optional Services

Task 3:

Task 4:

Subtotal II.

$$(\ast\ast\ast) \quad (\ast\ast\ast) \quad (\ast\ast\ast) \quad (\ast\ast\ast) \quad (\ast\ast\ast) \quad (\ast\ast\ast)$$

TOTAL Agreement (Total of Subtotals I. & II.)

* ODCs = Other Direct Costs.

** Professional Fee on consultant Direct Labor& Indirect Costs only. Should not include prime consultant markup on subconsultants.

*** Amount includes prime consultant markup on subconsultant.

**** *Insert salary rate.*

(Note: this table is prepared by the consultant. The following is provided to show format.)

EXHIBIT B-2

East Bay Municipal Utility District (Project Title)

LABOR DISTRIBUTION

	Consultant				Subconsultants							Total
	Project <u>Manager</u>	Project <u>Engineer</u>	<u>Drafting</u>	<u>Subtotal</u>	<u>Sub. #1</u>			<u>Sub. #2</u>				
					Project <u>Eng.</u>	Assist. <u>Eng.</u>	<u>Subtotal</u>	Project <u>Eng.</u>	Assist. <u>Eng.</u>	<u>Subtotal</u>		
<u>Services(*)</u>												
I. Contracted Services												
Task 1.1:												
Task 1.2:												
Task 2.1:												
Task 2.2:												
Subtotal												
II. Optional Services												
Task 3:												
Task 4:												
Subtotal												
TOTAL												

(Include both consultant and subconsultant hours. Also, include the percent time commitment for key personnel if a critical issue for success of the project.)*

EXHIBIT C

East Bay Municipal Utility District (Project Title)

CEP COMPLIANCE

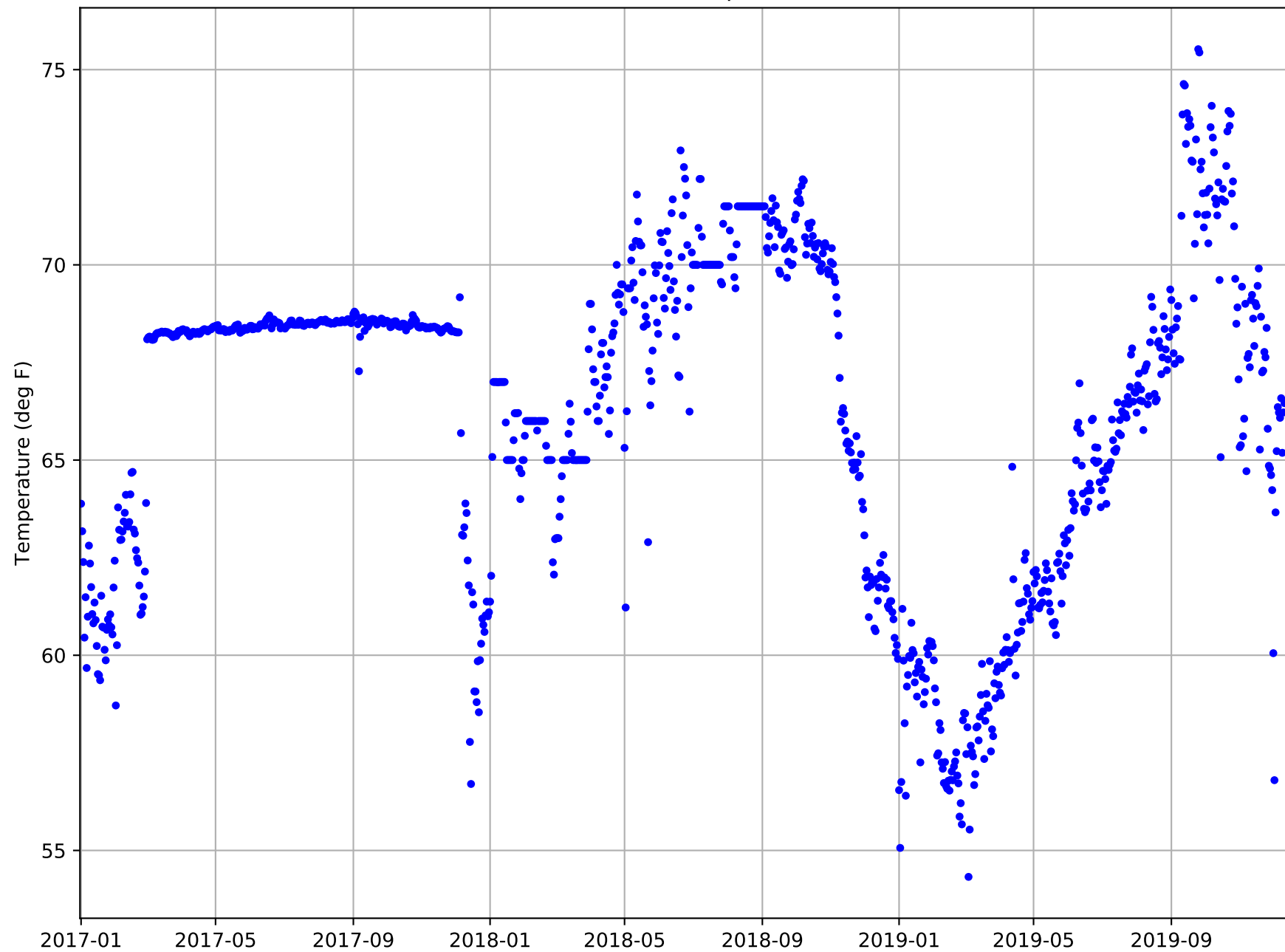
<u>FIRMS UTILIZED</u>	<u>MINIMUM AMOUNT*</u>	<u>MINIMUM PERCENT**</u>
<i>(Name of Subconsultant's firm)</i>	<i>\$(dollars)</i>	<i>(1 to 99)</i>
<i>(Name of Subconsultant's firm)</i>	<i>\$(dollars)</i>	<i>(1 to 99)</i>
TOTAL	<i>\$(dollars)</i>	<i>(1 to 99)</i>

* Does not include consultant's markup. *(Include this footnote only if your contract includes markup on subconsultants.)*

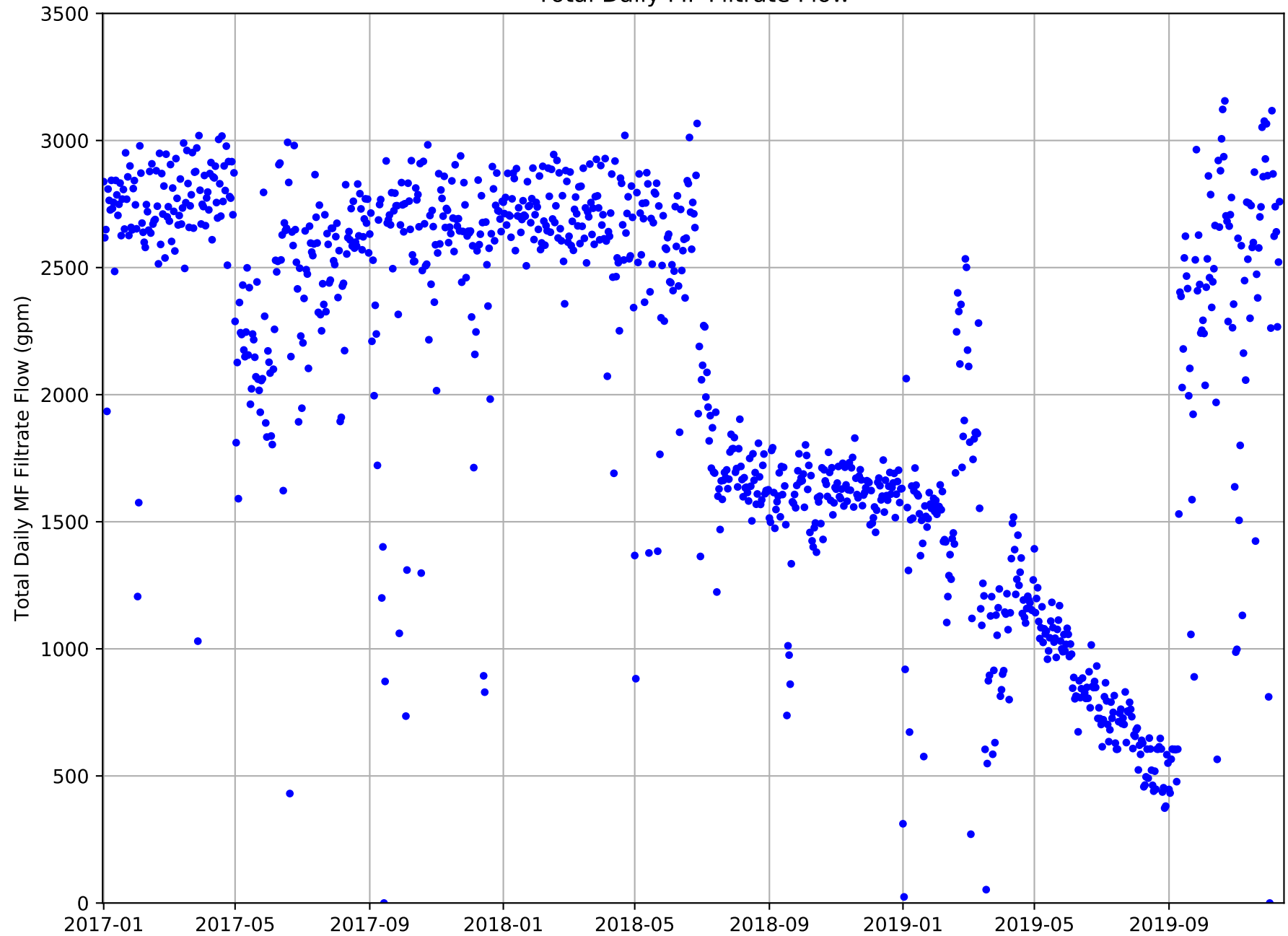
** Based on a Maximum Services Agreement Ceiling amount of *\$(dollars)*.

EXHIBIT D
MF AND RO PROCESS DATA

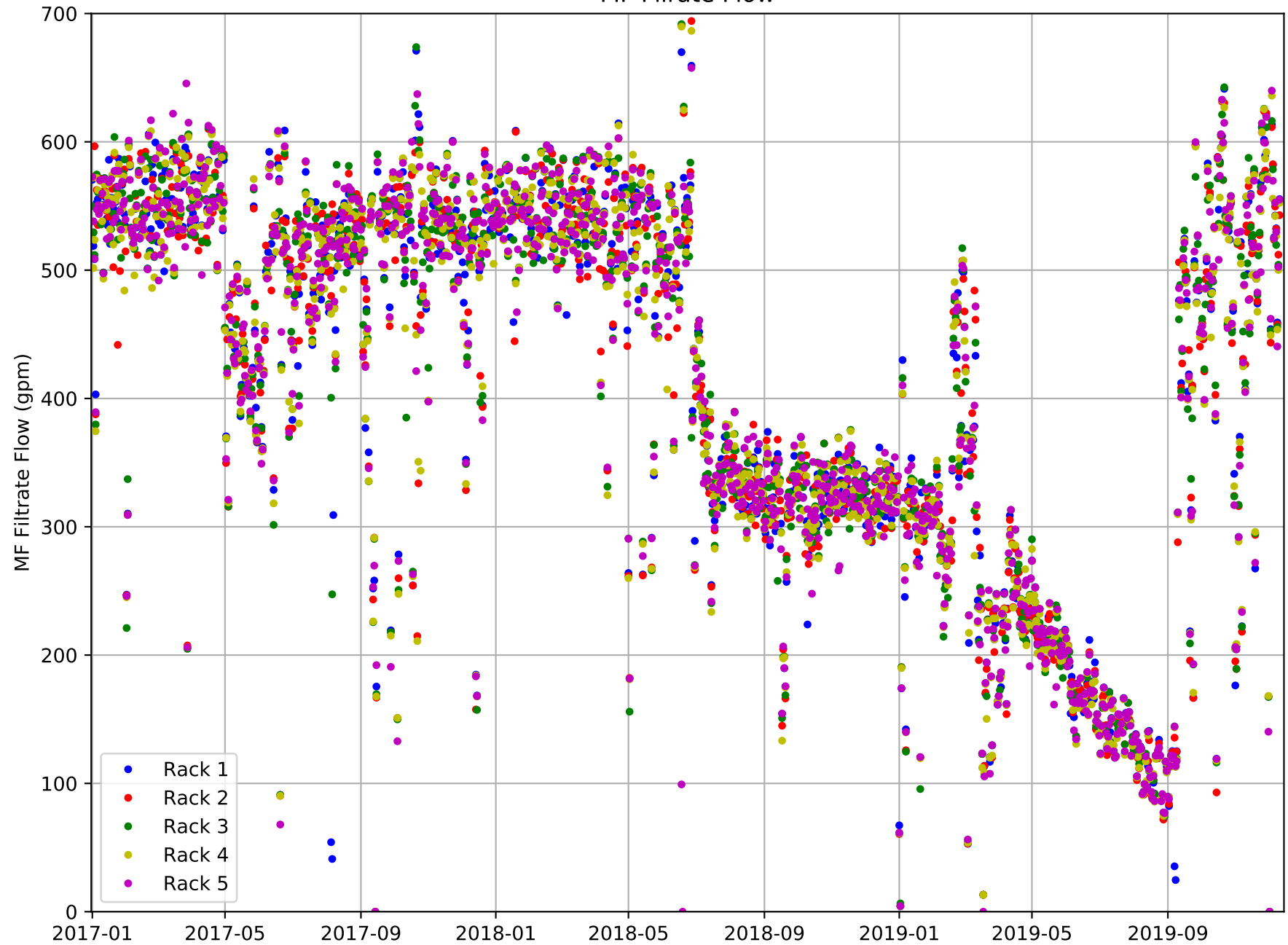
MF Filtrate Temperature



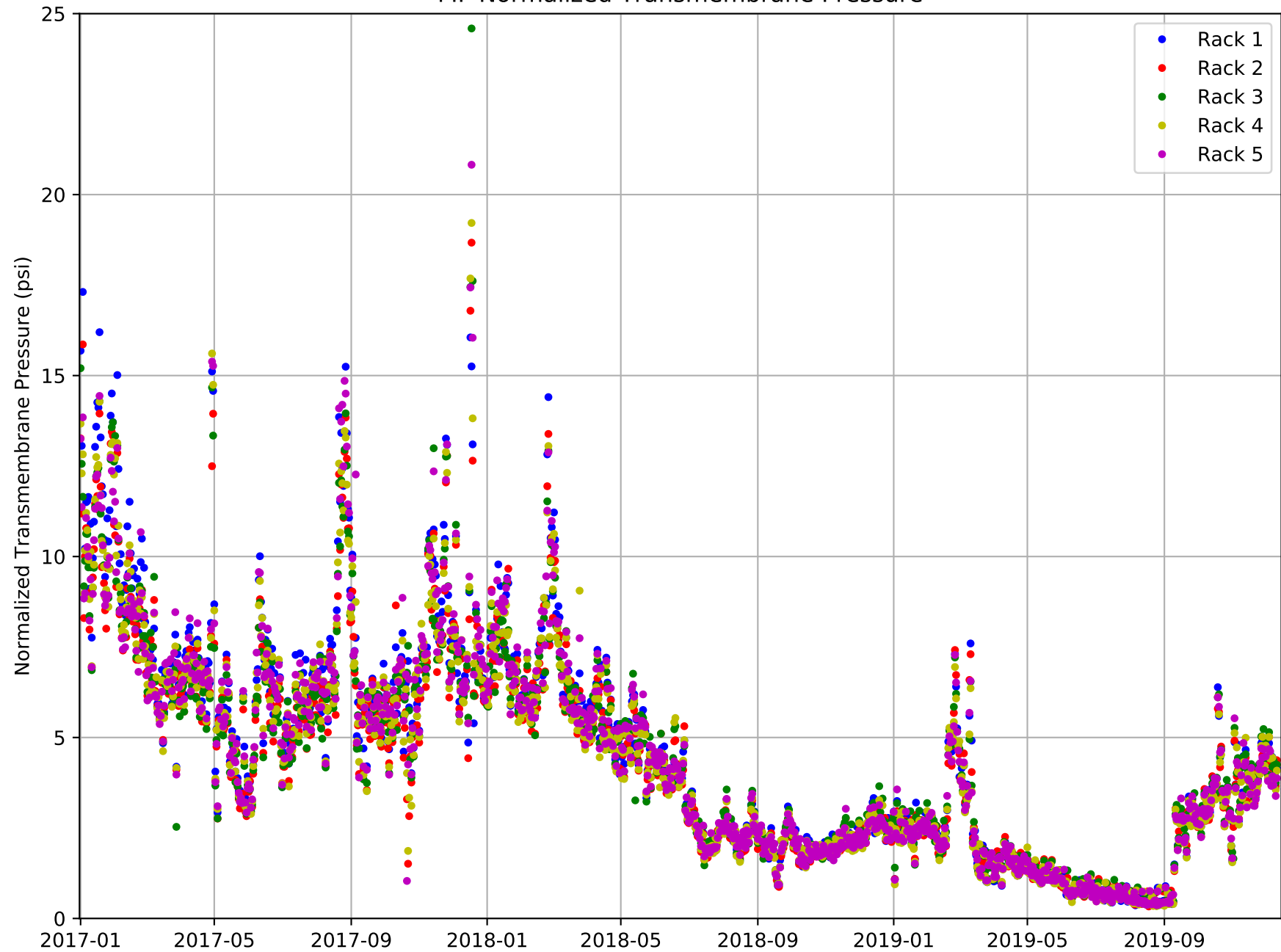
Total Daily MF Filtrate Flow



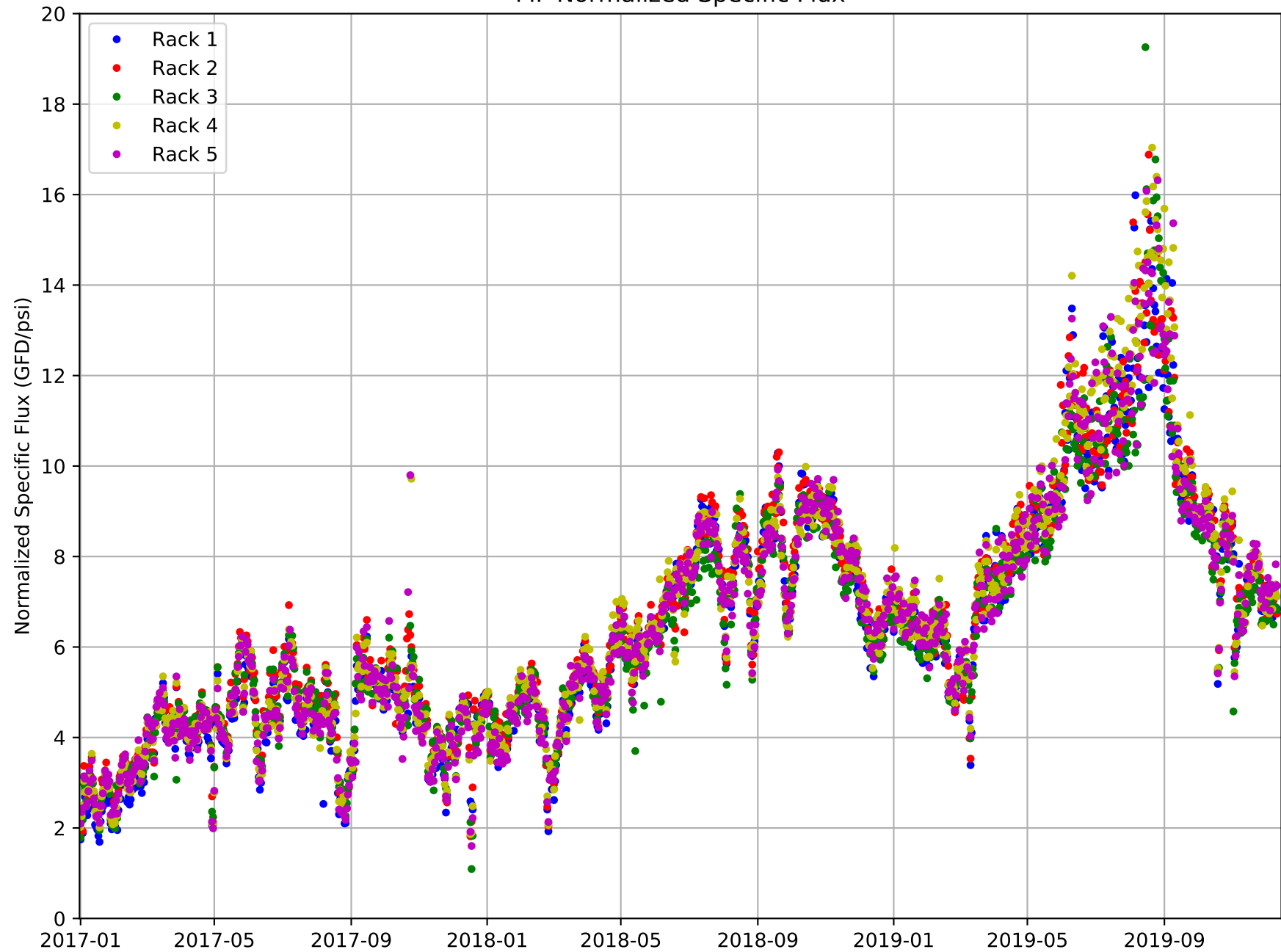
MF Filtrate Flow



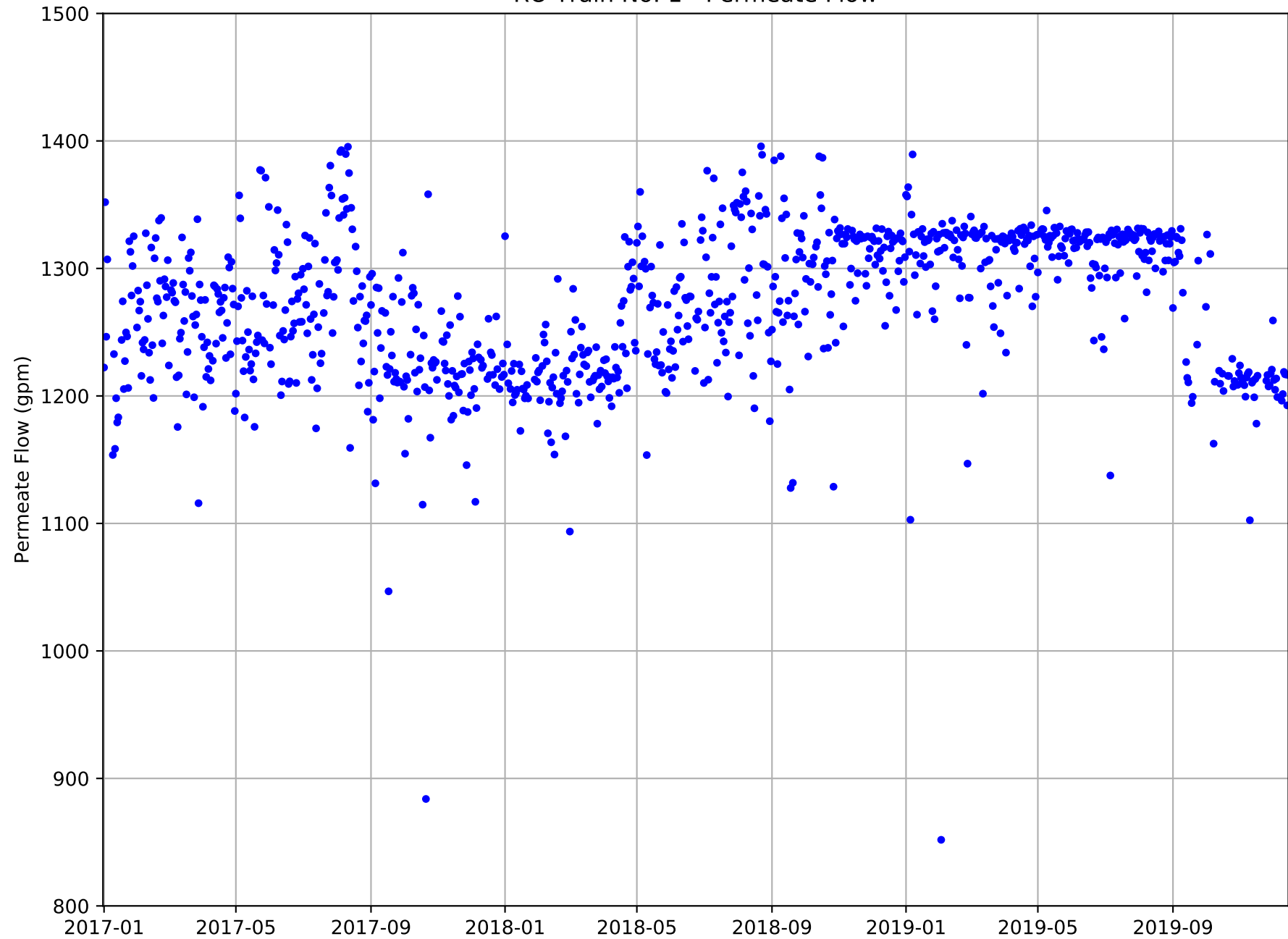
MF Normalized Transmembrane Pressure



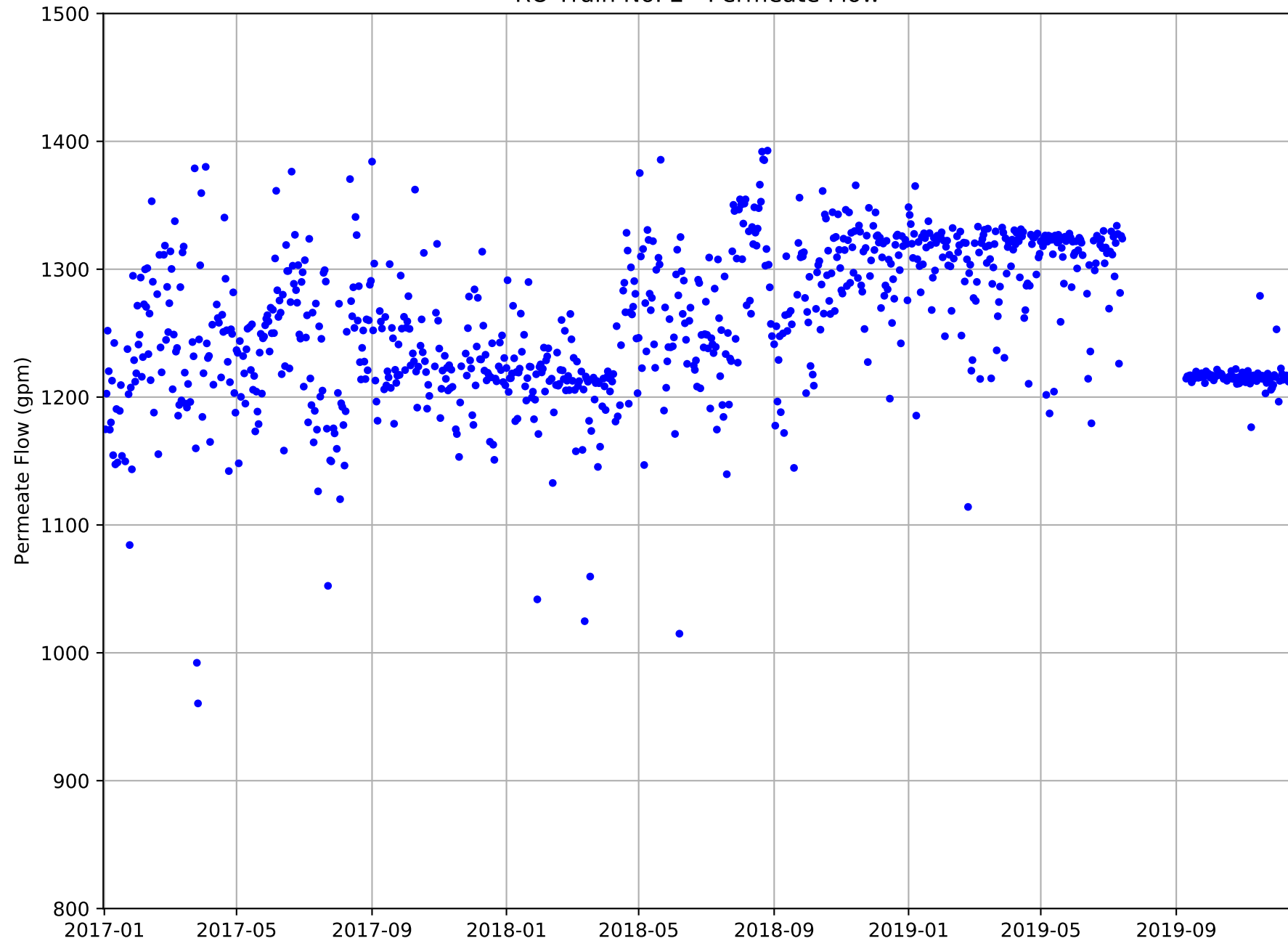
MF Normalized Specific Flux



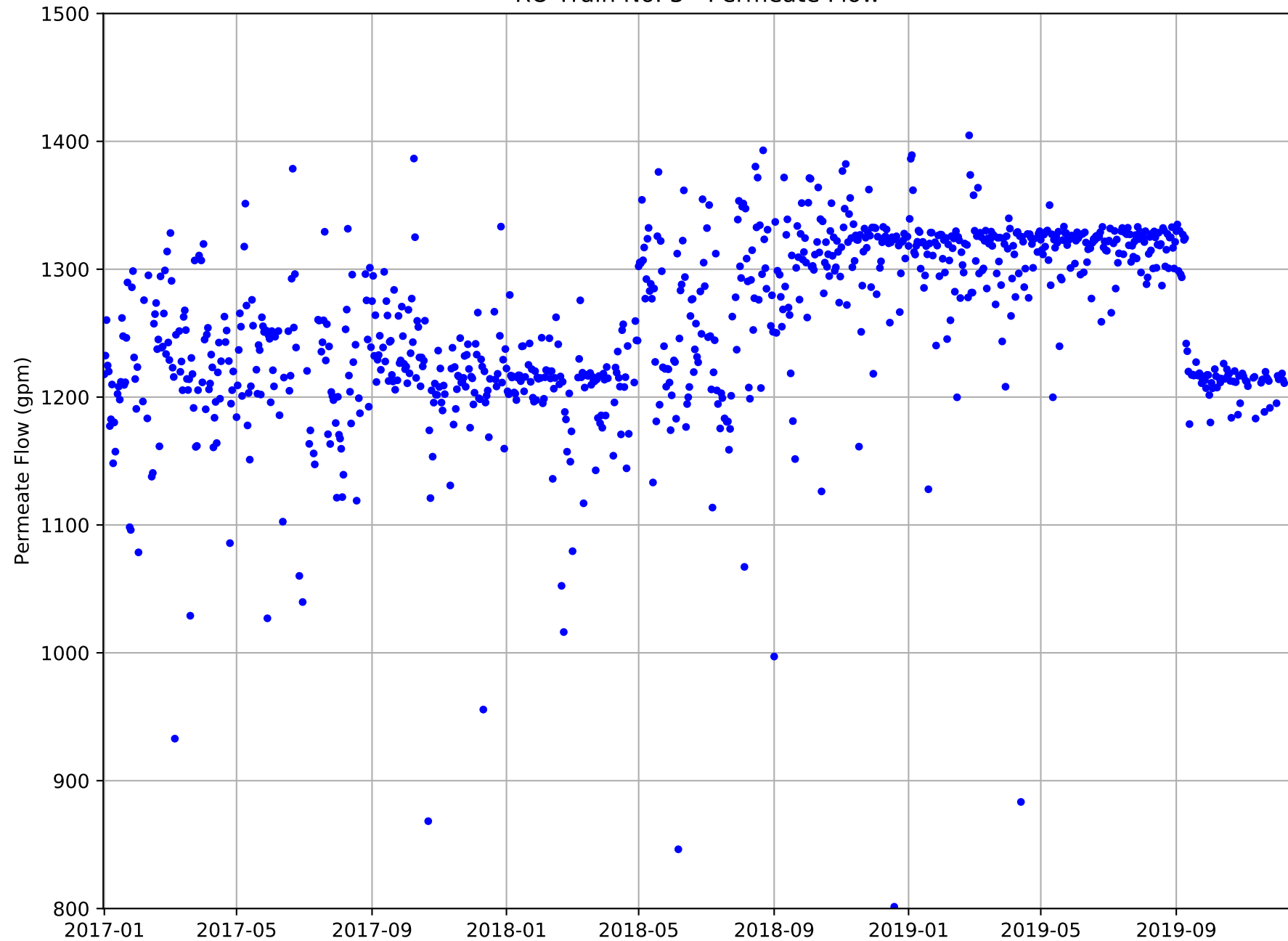
RO Train No. 1 - Permeate Flow



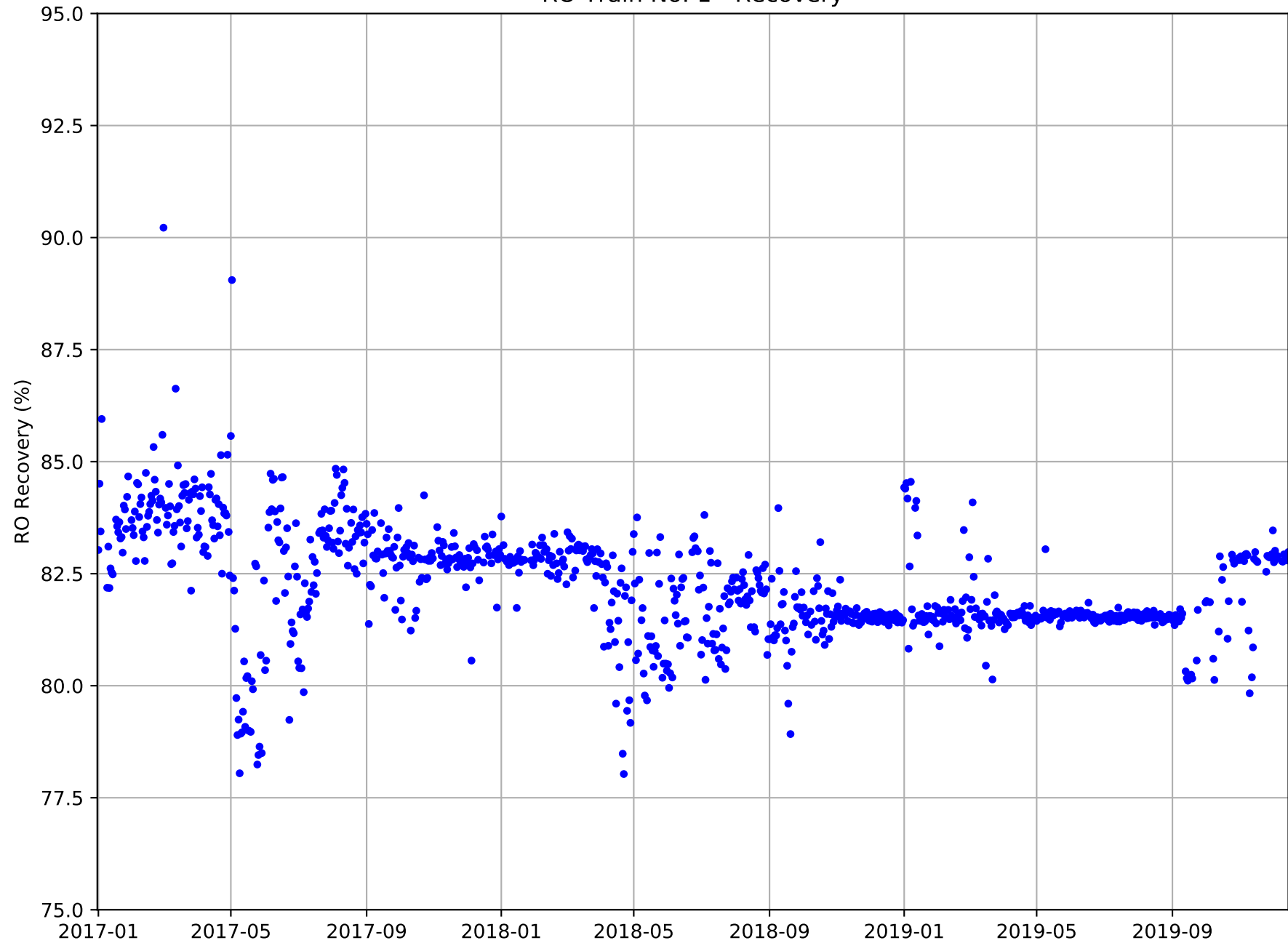
RO Train No. 2 - Permeate Flow



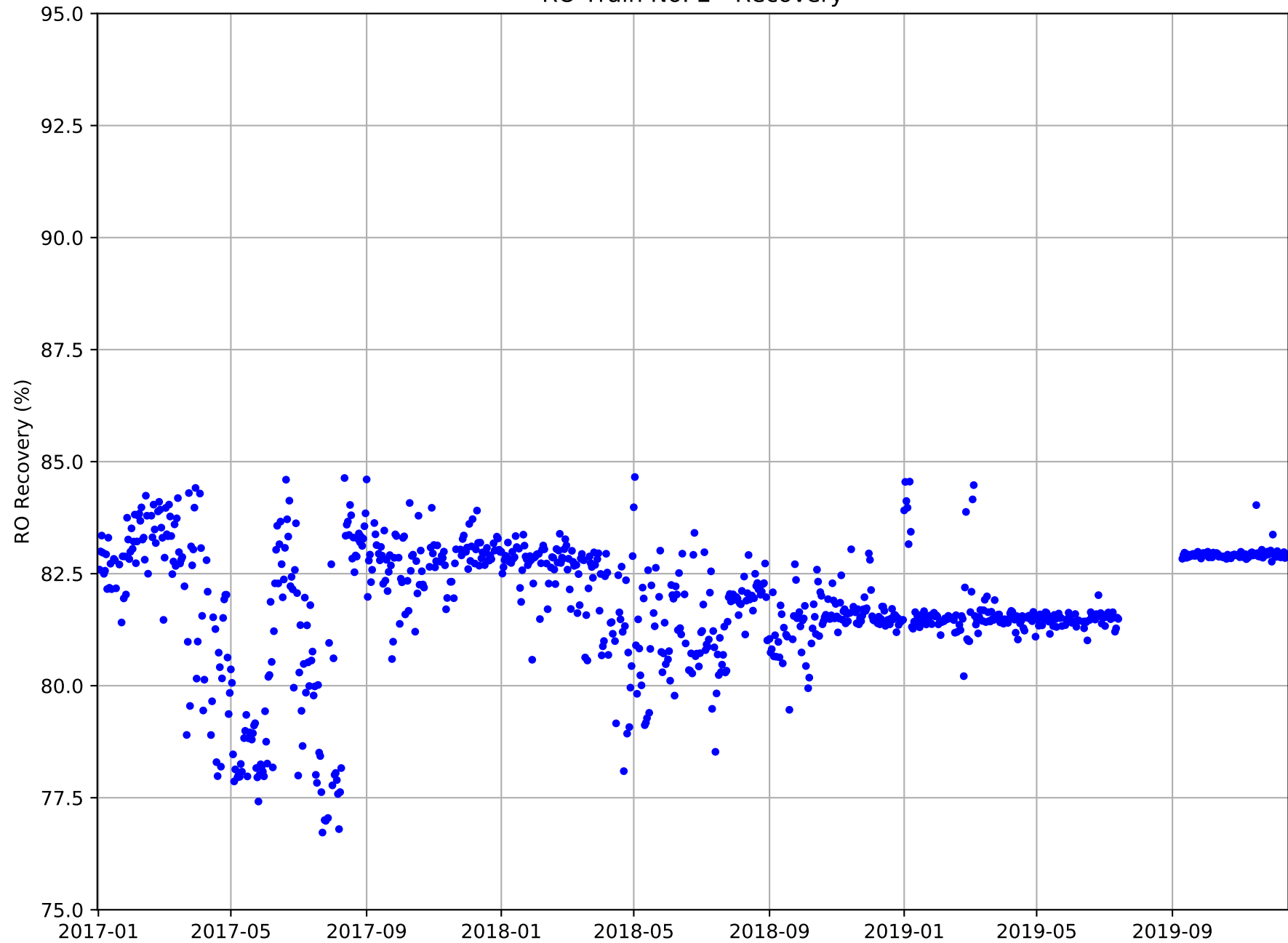
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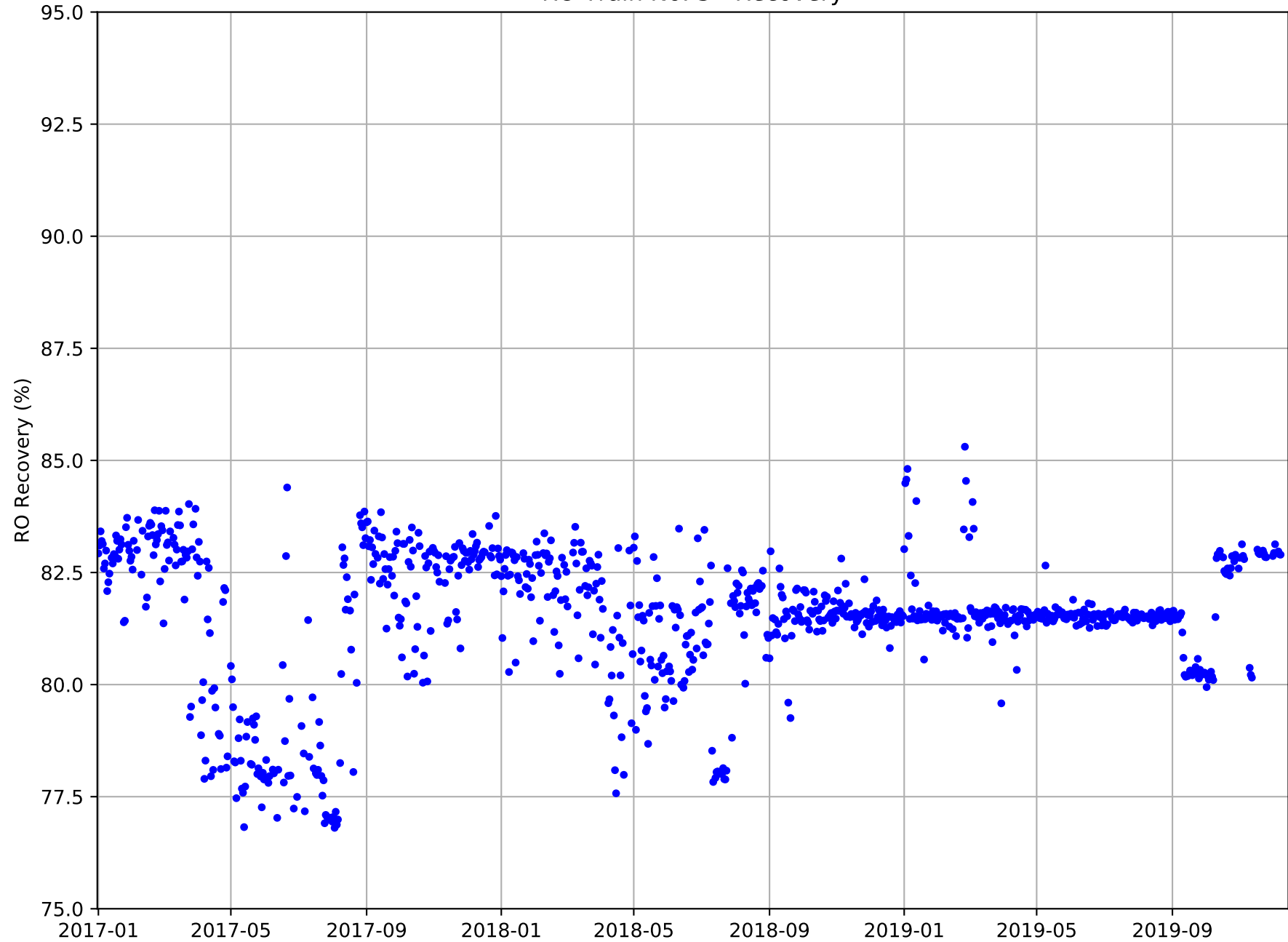
RO Train No. 1 - Recovery



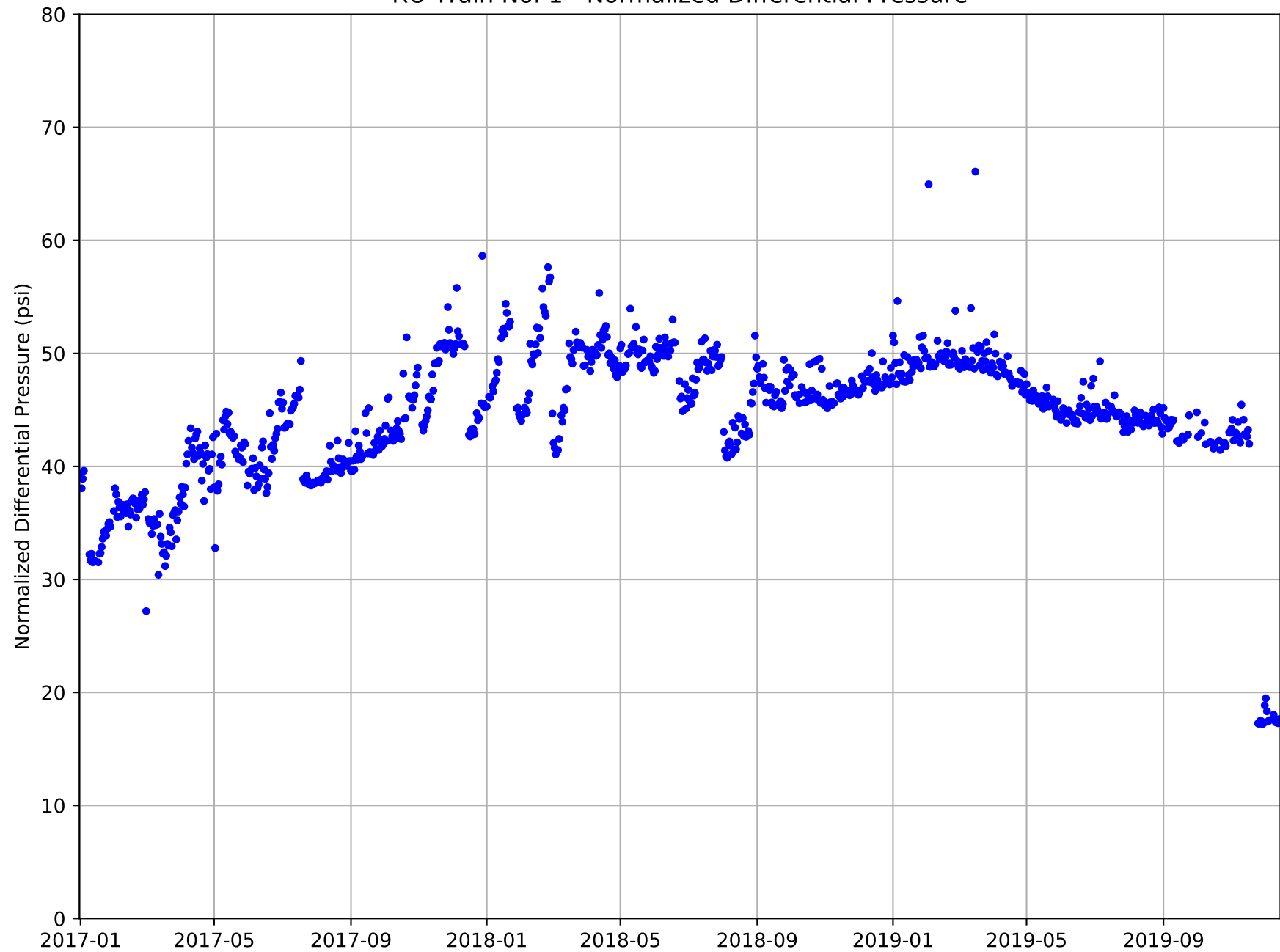
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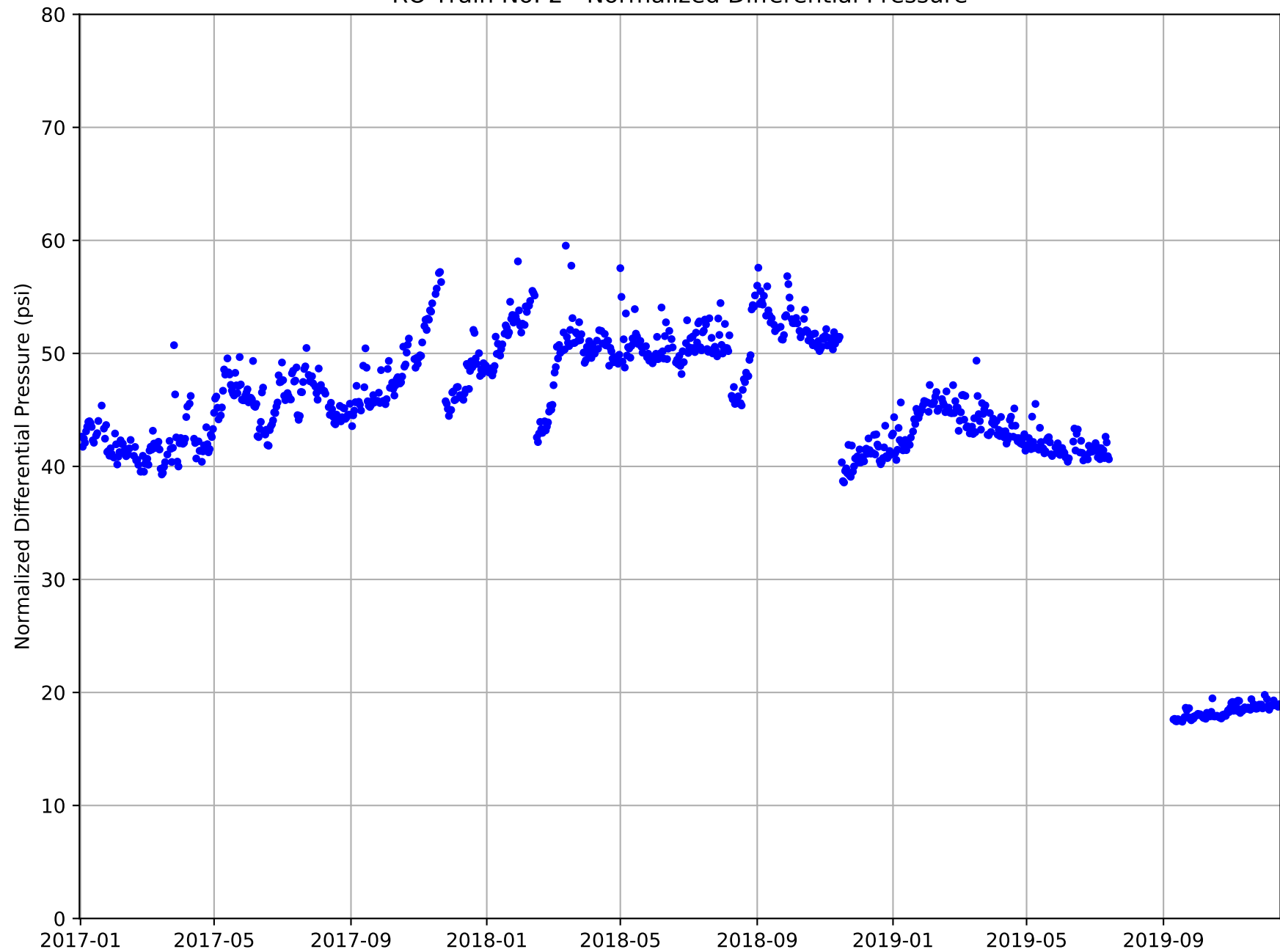
RO Train No. 3 - Recovery



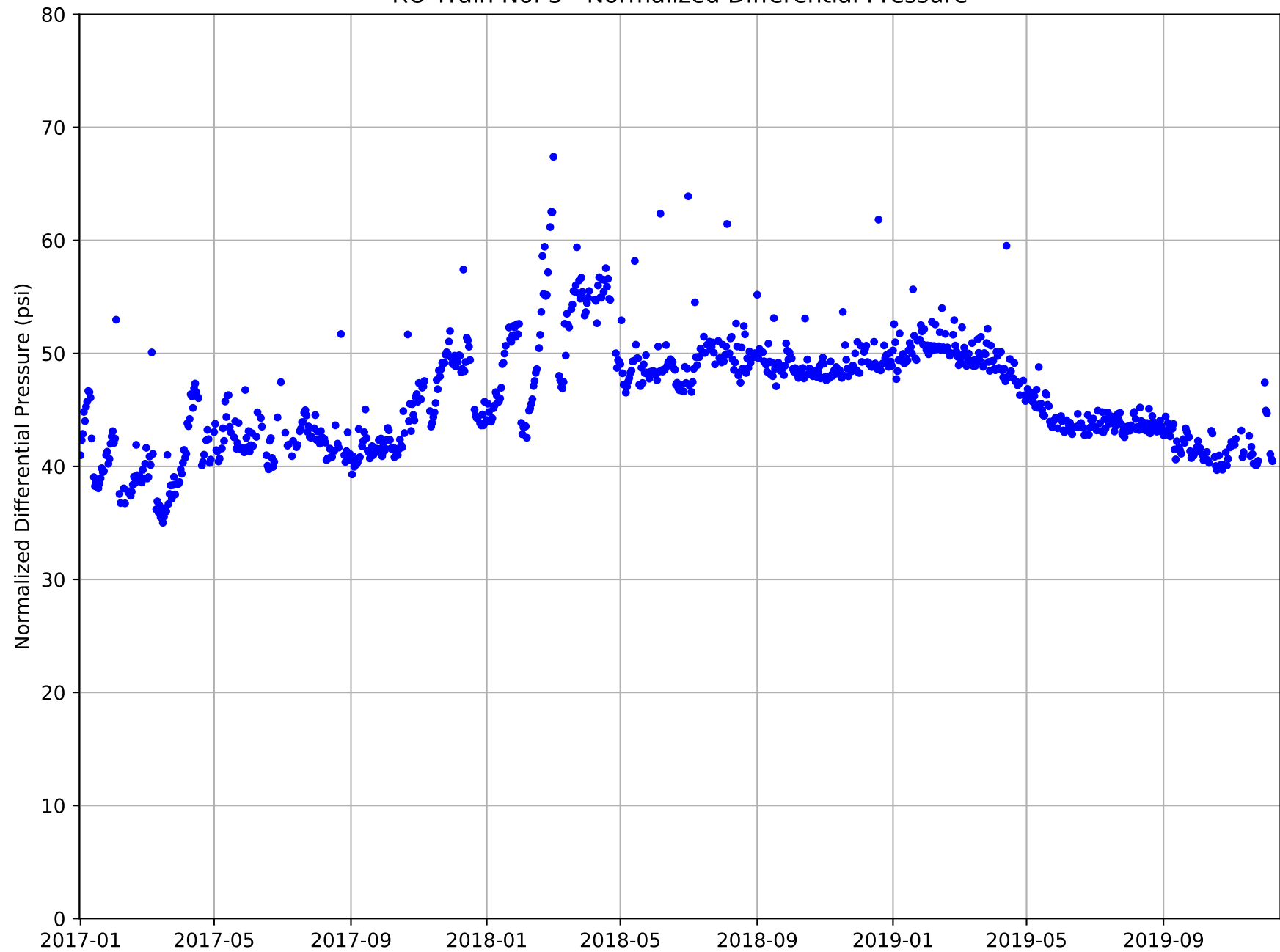
RO Train No. 1 - Normalized Differential Pressure



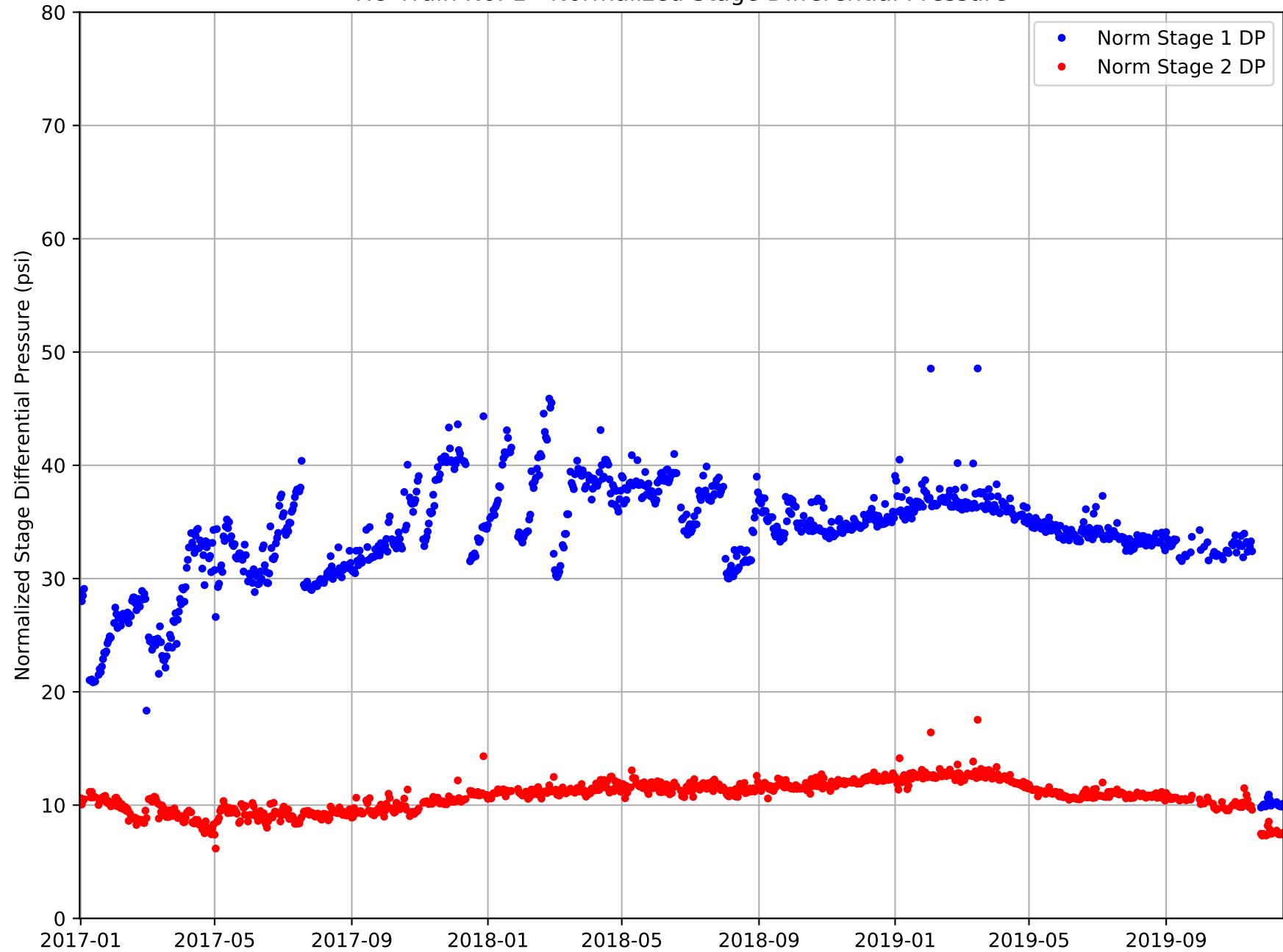
RO Train No. 2 - Normalized Differential Pressure



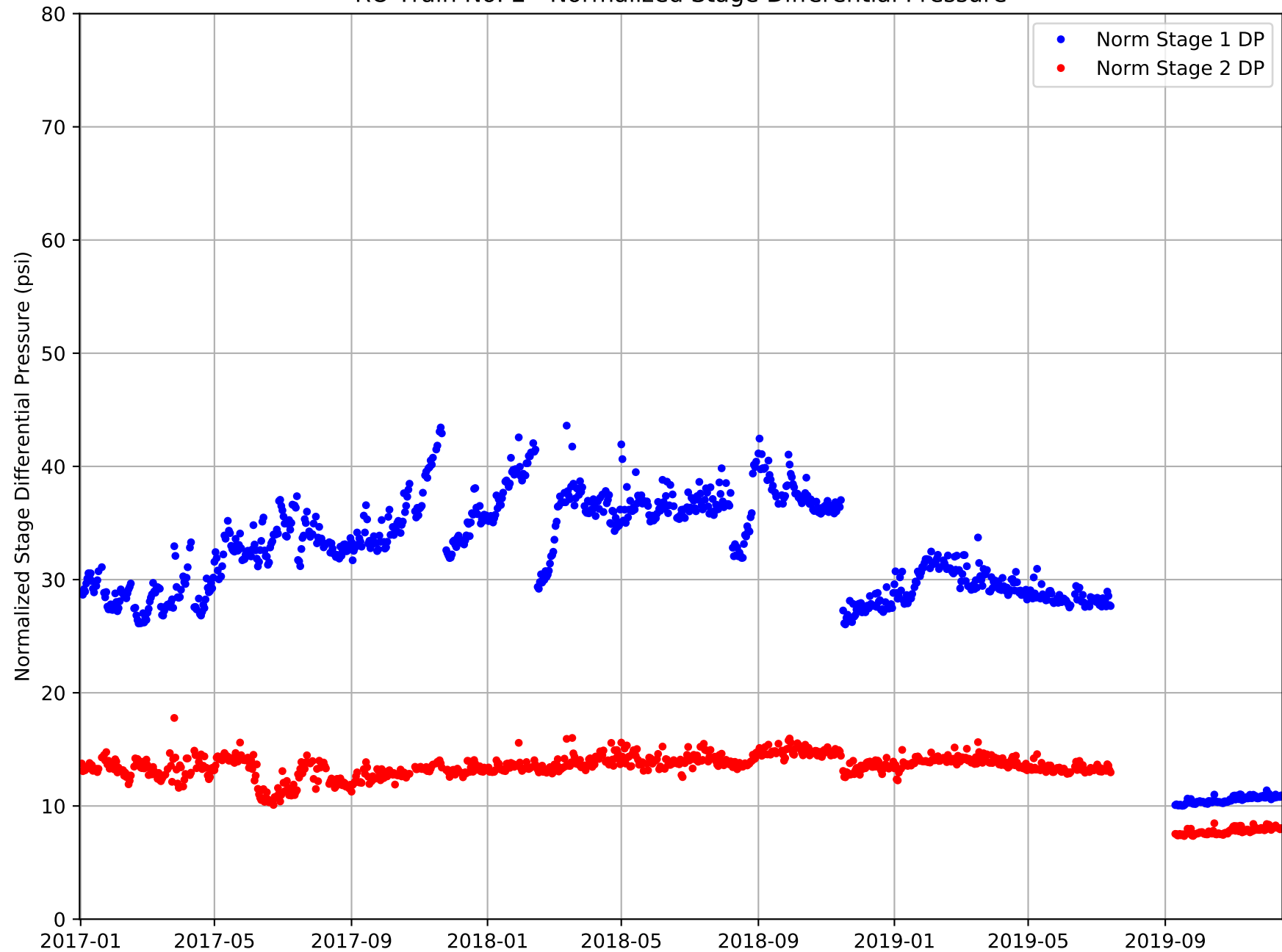
RO Train No. 3 - Normalized Differential Pressure



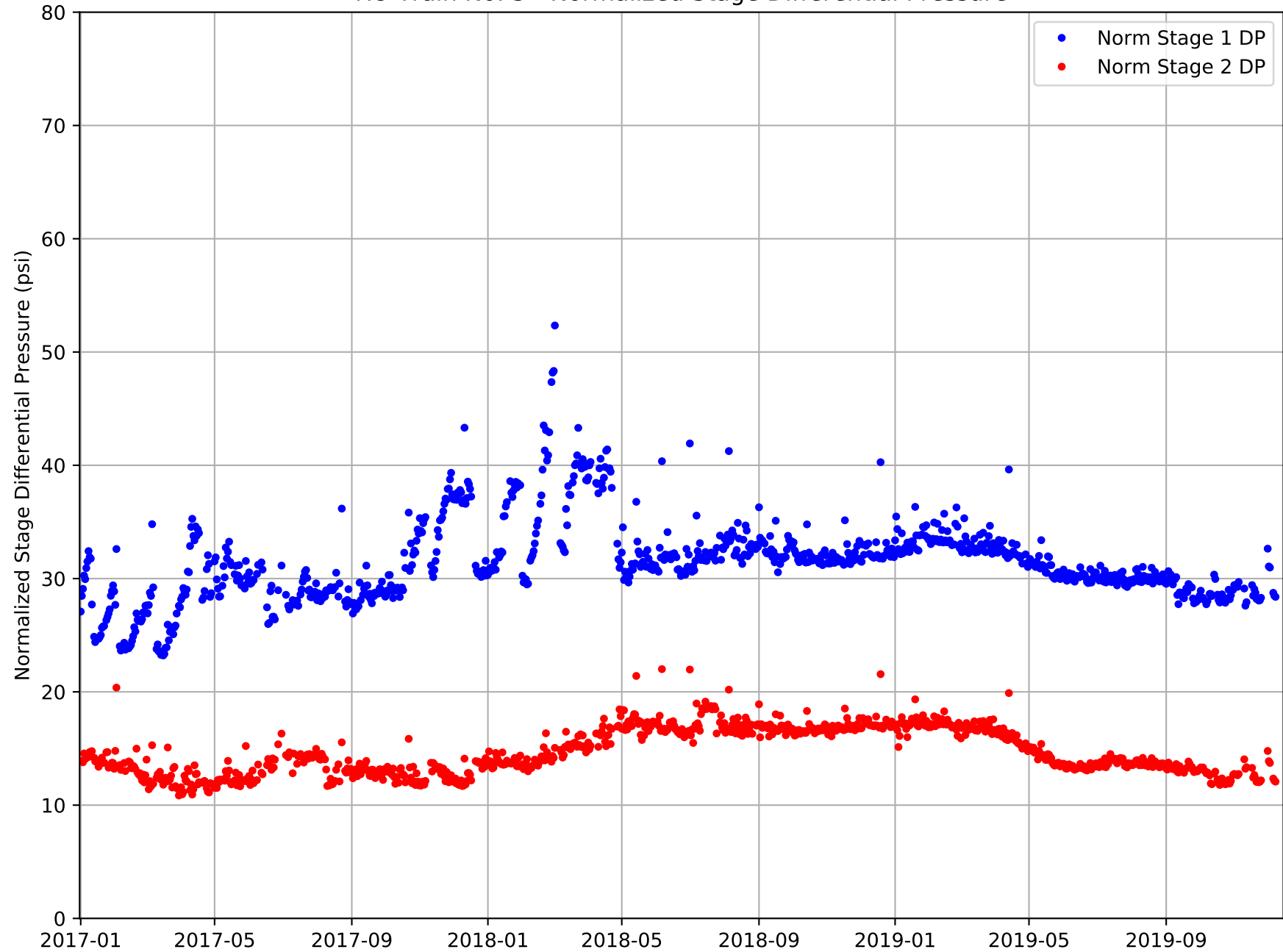
RO Train No. 1 - Normalized Stage Differential Pressure



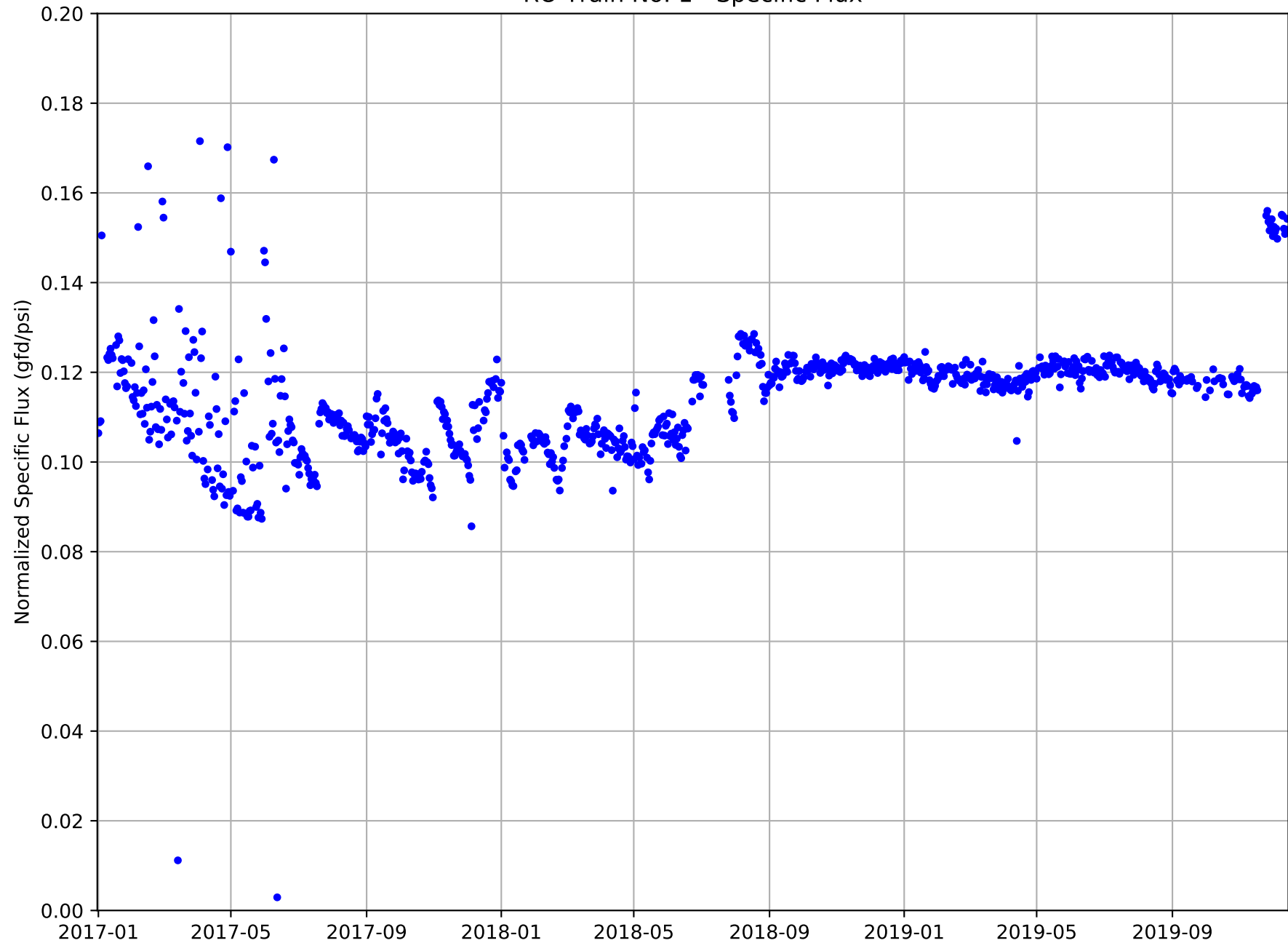
RO Train No. 2 - Normalized Stage Differential Pressure



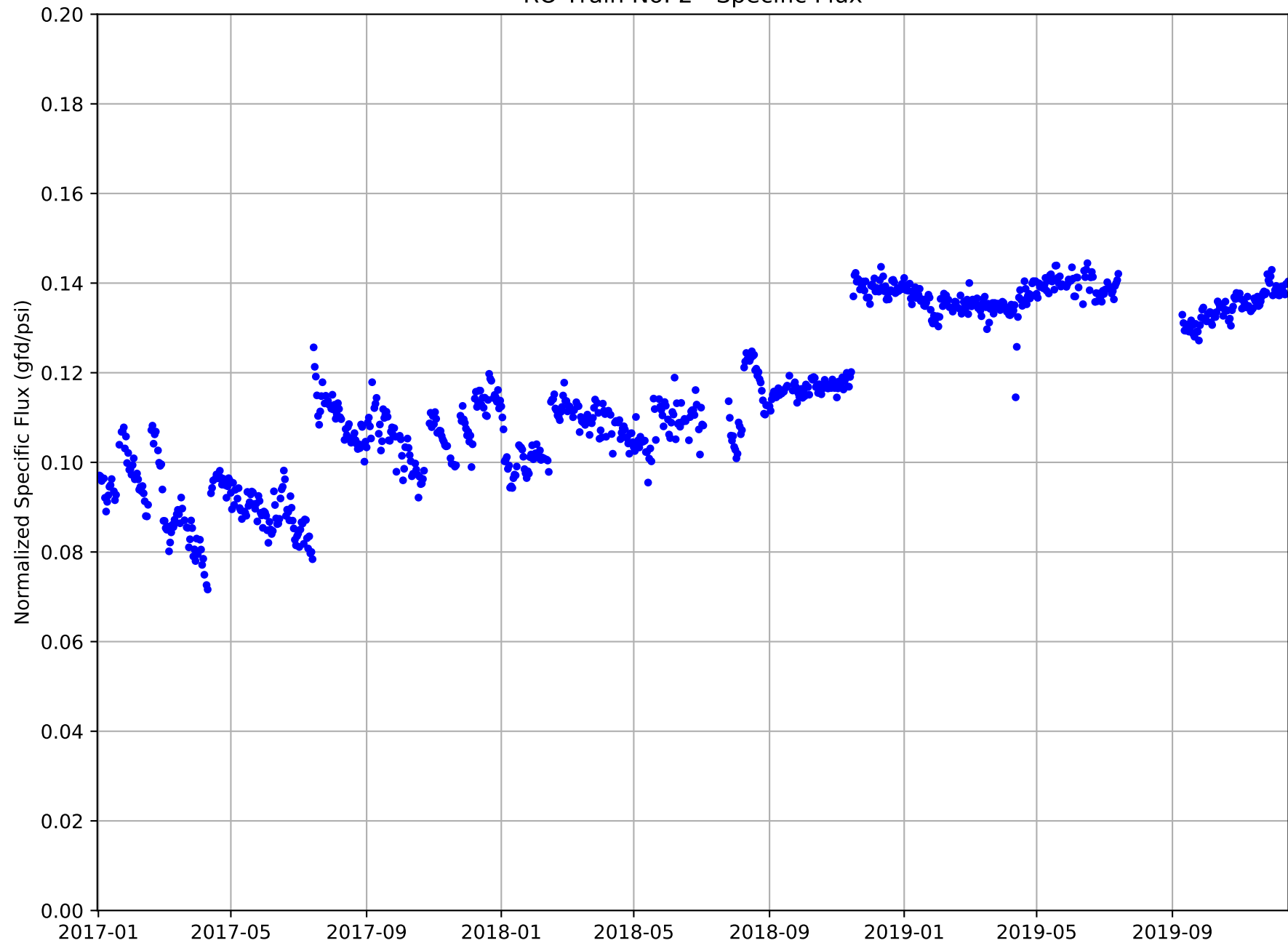
RO Train No. 3 - Normalized Stage Differential Pressure



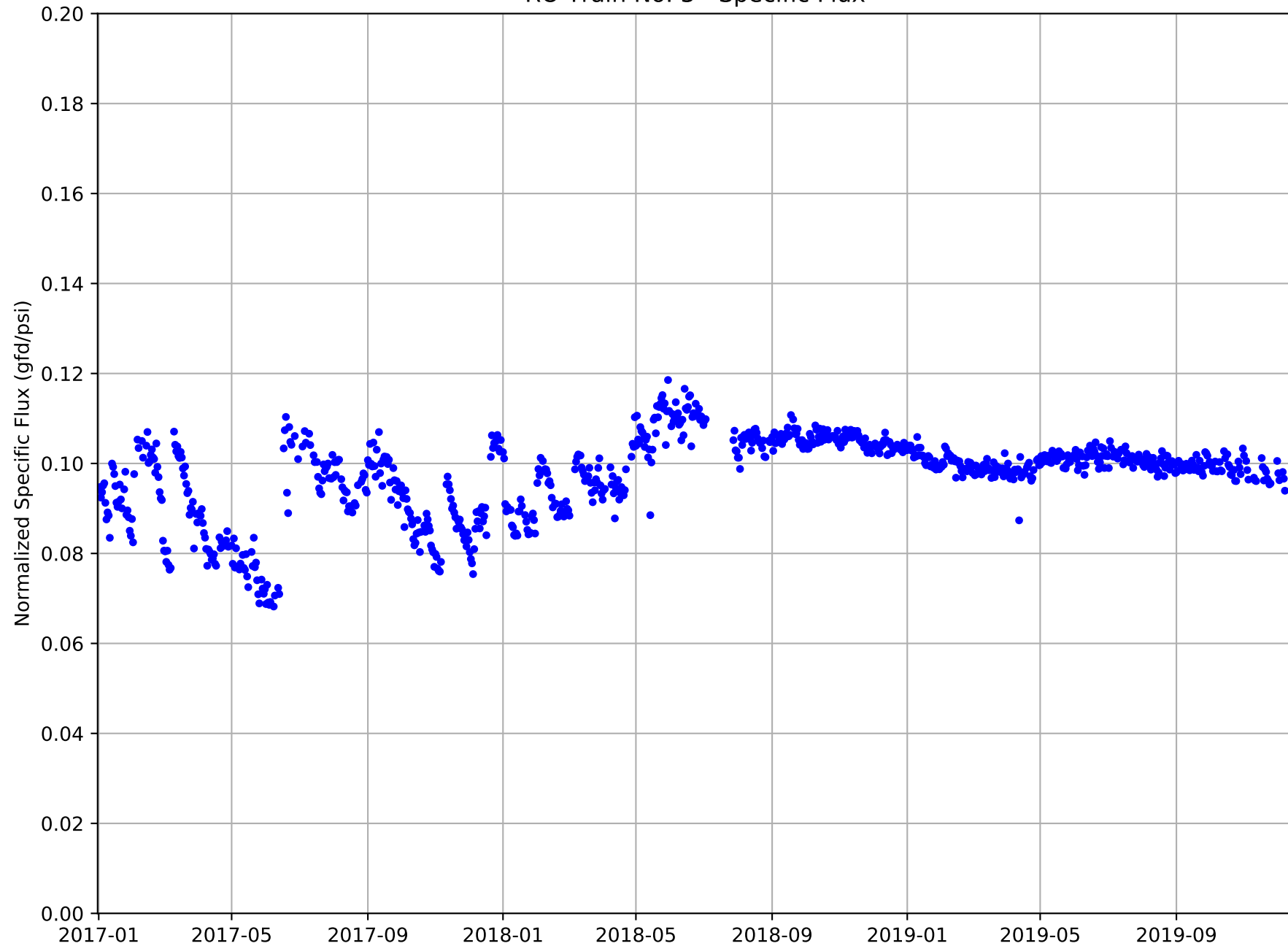
RO Train No. 1 - Specific Flux



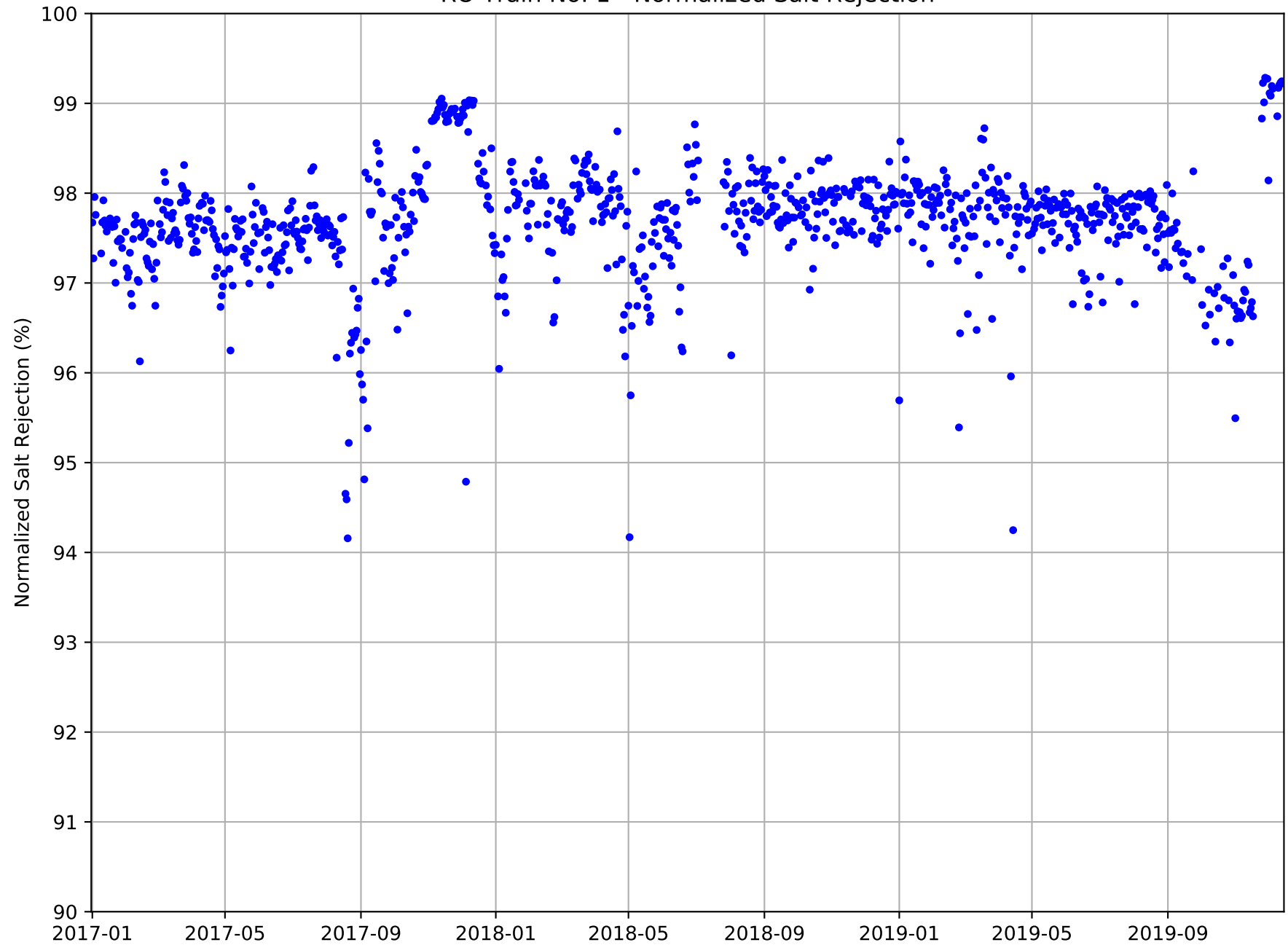
RO Train No. 2 - Specific Flux



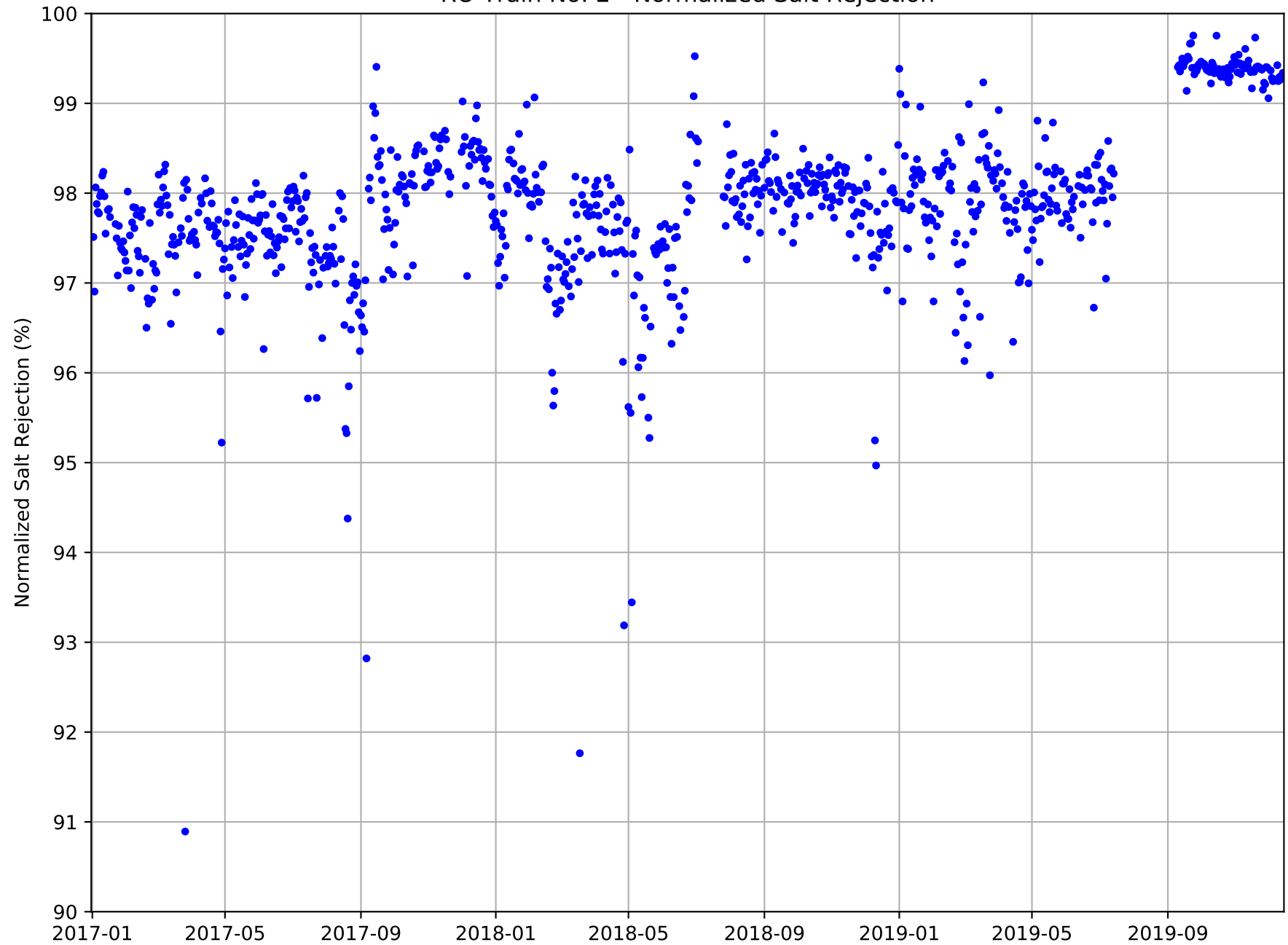
RO Train No. 3 - Specific Flux



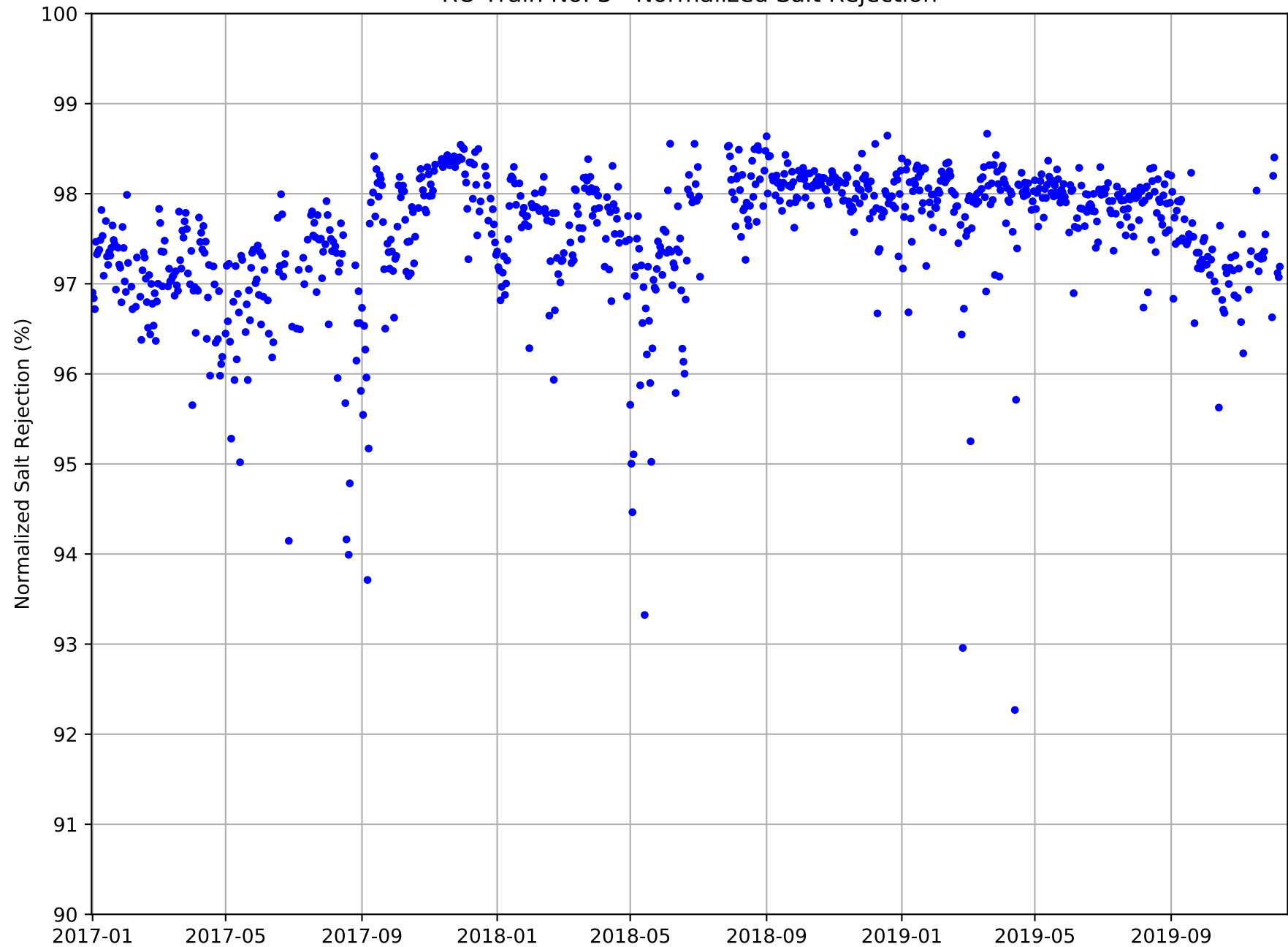
RO Train No. 1 - Normalized Salt Rejection



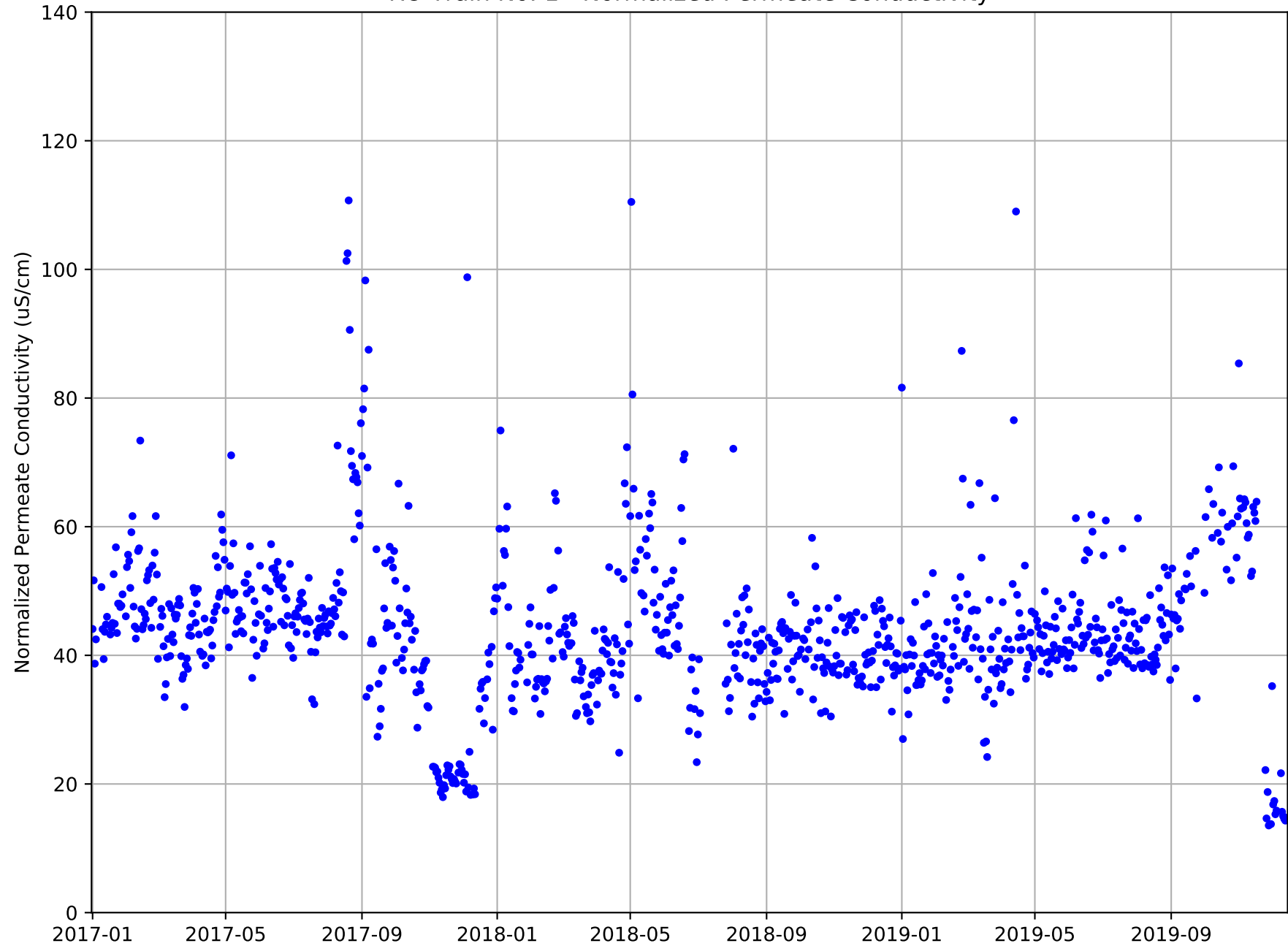
RO Train No. 2 - Normalized Salt Rejection



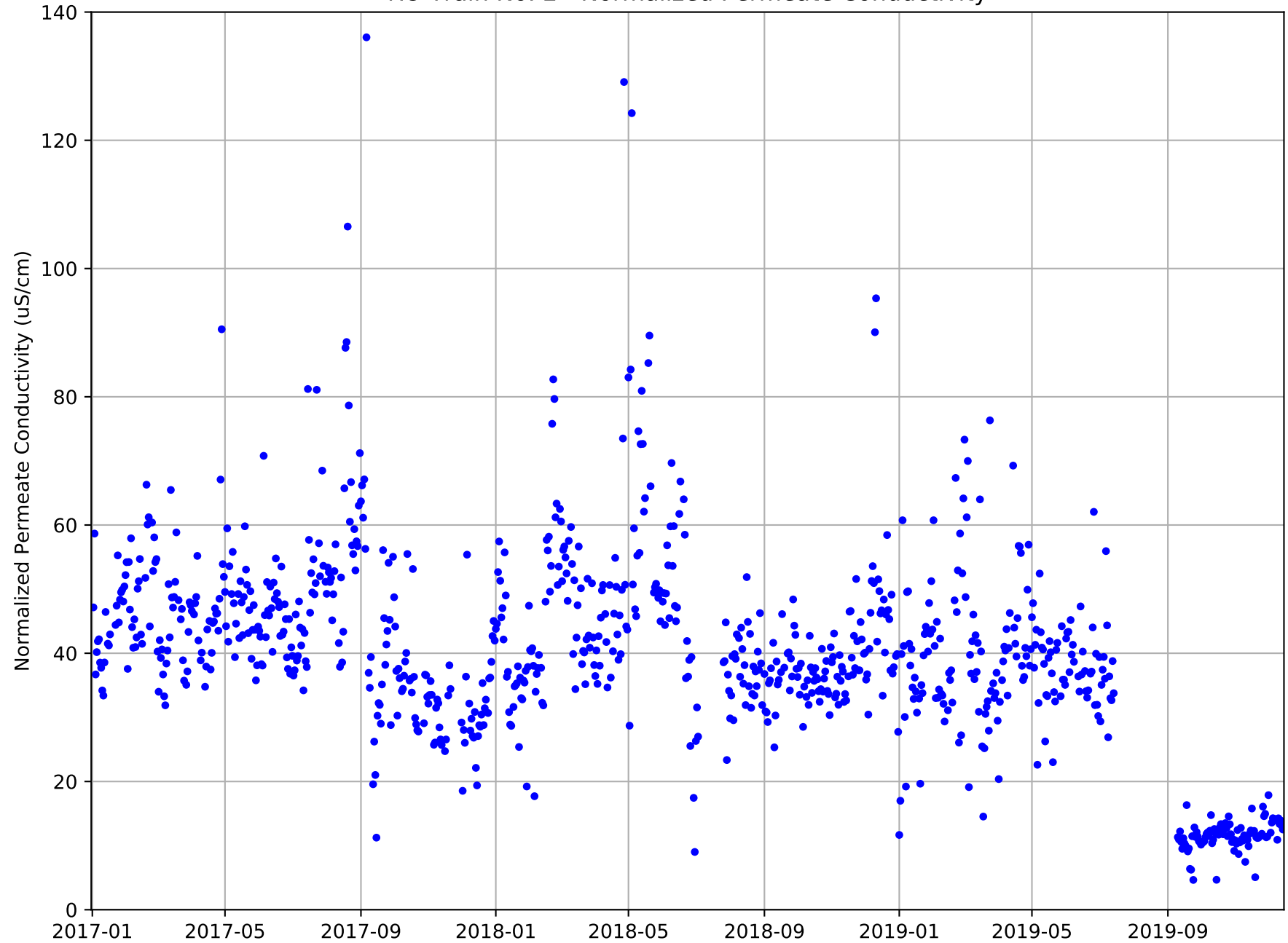
RO Train No. 3 - Normalized Salt Rejection



RO Train No. 1 - Normalized Permeate Conductivity



RO Train No. 2 - Normalized Permeate Conductivity



RO Train No. 3 - Normalized Permeate Conductivity

