

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A Beneficial Use Field Report is prepared by a water right examiner as the result of an examination to clearly confirm and establish the extent of the beneficial use of water established in connection with a permit during the development period authorized by the permit and any extensions of time previously approved.

A. GENERAL INFORMATIONPermit No. 63-338431. Owner Michael and Joan BorenPhone No. 208-866-8555Current address 1050 N Briar Ln, Boise, ID 837122. Examiner's name Cody ParkerEXAM DATE 03/29/20183. Accompanied by None, correspondence w/ Mike Boren

Email _____

Address SameRelationship to permit holder SamePhone No. Same4. Source North Alkali Drain (wastewater)tributary to South Boise Drain**B. OVERLAP REVIEW**1. Other water rights with the same place of use 63-96962. Other water rights with the same source and point of diversion None**C. DIVERSION AND DELIVERY SYSTEM**

1. Point(s) of Diversion:

Ident. No.	Gov't Lot	¼	¼	¼	Sec	Twp	Rge	County	Method of Determination/Remarks
	4		SE	SW	11	05N	06W	Canyon	GPS, digital PLS map

2. Place(s) of Use: Method of determination aerial imagery, GPS, digital PLS map

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05N	06W	11															0.5		0.5
																	WQ		
																	L4		

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☒ see attached.

Scale: 1" = _____

- ☒ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (required)
☒ Aerial photo attached (required for irrigation of 10+ acres)
☒ Photo of diversion and system attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Teco	5 hp	yy313B014004	Parma Water Lftr	

*Code to correspond with no. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
V-notch weir						

2. **Measurements:** _____

High water mark on staff gauge reads 0.68 ft

0.5 acres irrigation in wetland cells

settling basin = 0.08 acres by 5 ft deep

E. NARRATIVE/REMARKS/COMMENTS

See Attached

Has the permit holder met all conditions of permit approval, including any mitigation requirements and/or measuring device installation requirements? ☒ Yes ☐ No If no, what must be done to meet the permit requirements?

Replace 121 w/ 103 and 01J w/ R43 and 259 w/ 219

Update R05 to current language

Add 220

F. FLOW CALCULATIONS☐ Additional computation sheets attached

Measured Method:

Diversion to Storage, Water Quality Improvement:

$$Q = 2.49 \times h^{2.48}, h = 0.68$$

$$Q = 0.96 \text{ cfs} \Rightarrow \text{outflow back to source}$$

Measurement within 10% of permitted rate $\Rightarrow$ recommend permit rate (1.00 cfs)

$$\text{Irrigation: } 0.5 \text{ acres} \times 0.03 \text{ cfs/acre} = 0.02 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.5 \text{ acres} \times 3.5 \text{ afa/acre} = 1.8 \text{ afa}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.02 \text{ cfs} \times 260 \text{ days} \times 1.9835 = 10.3 \text{ afa}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1.8 \text{ afa}$$

2. Volume Calculations for Other Uses:

Wetland cells = 0.5 acres $\times$ 0.6 ft = 0.3 af, Settling pond = 0.1 acres $\times$ 5 ft $\times$ 0.4 = 0.2 af, Total capacity = 0.5 af

Seepage = 4.4 afa, Evaporation = 1.2 afa (per pond loss spreadsheet, ML soil type, Parma Exp Stn)

TOTAL STORAGE REQUIREMENT = 6.1 afa

Water Quality Improvement = 1.0 cfs $\times$ 203 days $\times$ 1.9835 = 403 afa (March 31 to October 19, 2015)**H. RECOMMENDATIONS**

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	03/01	11/15	0.02 cfs	1.8 afa
Water Quality Improvement	01/01	12/31	1.00 cfs	403 afa
WQI Storage	01/01	12/31		6.1 afa
Diversion to Storage	01/01	12/31	1.00 cfs	
Totals:			1.00 cfs	411 afa

2. Recommended Amendments

- ☐ Change P.D. as reflected on page 1 ☐ Add P.D. as reflected on page 1 ☒ None
☐ Change P.U. as reflected on page 1 ☒ Add P.U. as reflected on page 1 ☐ Other

I. AUTHENTICATION

Field Examiner's Signature

Date

4/17/18

Reviewer

Date

4/17/18

SEAL

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT
Narrative

This permit authorizes the diversion of 1.00 cfs from the North Alkali Drain for irrigation and water quality improvement uses. I completed the field exam on March 29, 2018. The owner was not present during the exam, but I did correspond with Hal Anderson of Idaho Water Engineering to collect some of the data missing from the field report.

A Parma Water Lifter pump diverts water from the North Alkali Drain and is located at N43°46'43.4" by W117°01'24.0" in Gov Lot 4 (SESW) of Sec. 11, T05N, R06W, B.M. Mr. Anderson could not provide the pump horsepower, but did tell me that the pumping system was designed to divert 1.0 cfs. Water from the drain is diverted through an 8" PVC pipe to a 0.2 acre-foot settling pond approximately 80 ft west. Once the settling pond reaches capacity, water overflows through another 8" PVC pipe to the north. Around 30 ft north of the settling pond the water enters a cistern and is diverted west through 8" gated PVC. When the gates are open on the pipe, the water escapes into two wetland cells, flows north, and is collected by a drain ditch before running back into the North Alkali Drain.

Mr. Anderson has provided copy of a powerpoint presentation to show that water quality has indeed been improved by the treatment. The presentation shows the removal efficiencies by year for total suspended solids, dissolved phosphorus and total phosphorus. A copy of the presentation can be seen attached to this field report

According to information in the backfile, the intent for the irrigation component was to cover the vegetation grown in the wetland cells, which was to be used for animal feed and composting. According to Mr. Anderson, sedges and willows were planted in year 1 of the project for the purposes described above. At this time cattails have moved in and it does not appear that intentional irrigation has occurred. However, since specific target species were grown in year 1, I have recommended irrigation use on the license. The area irrigated was measured at 0.5 acres. I recommend 0.03 cfs per acre and 3.5 afa per acre for the irrigation component of the license. I used the consumptive use requirement, rather than the headgate, for the annual volume because the headgate requirement adds additional volume to account for application efficiency. However, because the irrigated area is also flooded, there should be no conveyance loss and application efficiency should be 100%.

Each wetland cell has its own drain ditch at the northern boundary with a v-notch weir to measure discharge. The two ditches converge before running through a final weir and into the North Alkali Drain. The final weir measures the total discharge back into the drain. Water was not flowing through the system at the time of the exam. However, the watermark left on the staff gauge indicated the highest head reached. The reading from the watermark was 0.68 ft. According to the equation $Q = 2.49h^{2.48}$ for v-notch weirs, the maximum discharge back into the drain is 0.96 cfs. That measurement is within 10% of the permitted rate of 1.00 cfs for diversion to storage and water quality improvement, so I have recommended the permitted rate for the license.

STATE OF IDAHO
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Narrative

Mr. Anderson has indicated that the system was run for a maximum annual period of 203 days in 2015 (March 31 to October 19). During that time, the pump was run for 24 hrs/day. The volume I have recommended for the water quality improvement component is equal to the volume produced by pumping 1.0 cfs continuously for 203 days (403 afa).

The total storage volume I have recommended is 6.1 afa, which includes the capacity, evaporation, and seepage. The total volume is lower than the permitted volume because the total surface area of the project is less than half of what was proposed. There is probably some overlapping volume accounted for in both the evaporation estimate of the pond and the irrigation volume, but the overlap is minimal when compared to the total overall volume limit recommended on the right.

There are no overlapping uses of the pump or overlapping water rights for the same use. Right 63-9696 applies to separate irrigation within the same QQ.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT
Picture Attachment

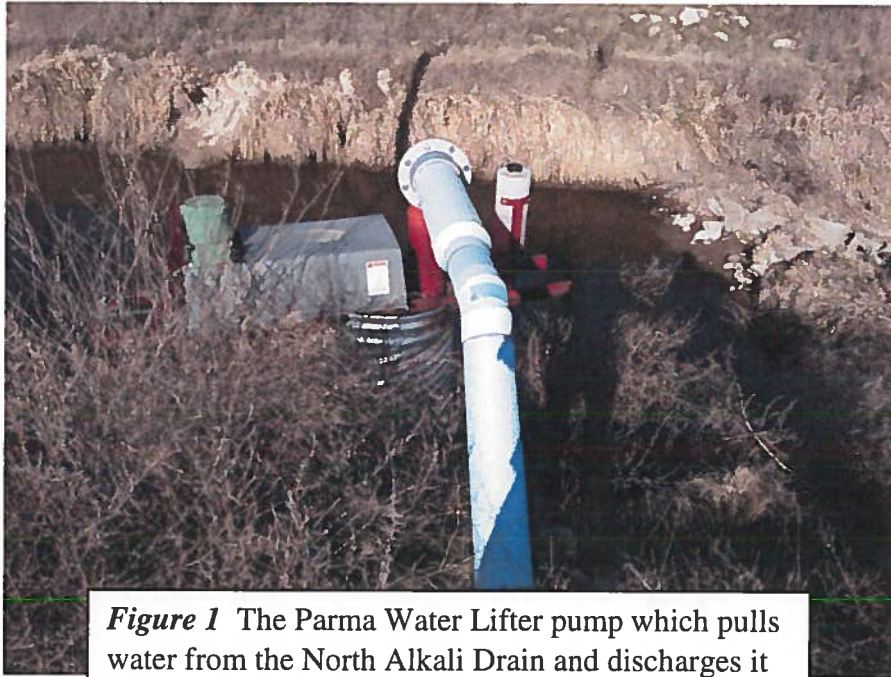


Figure 1 The Parma Water Lifter pump which pulls water from the North Alkali Drain and discharges it into the settling basin.



Figure 2 The settling basin is 0.1 acres in surface area and a max of 5 ft deep. This is located along the southern boundary of the place of use.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT
Picture Attachment

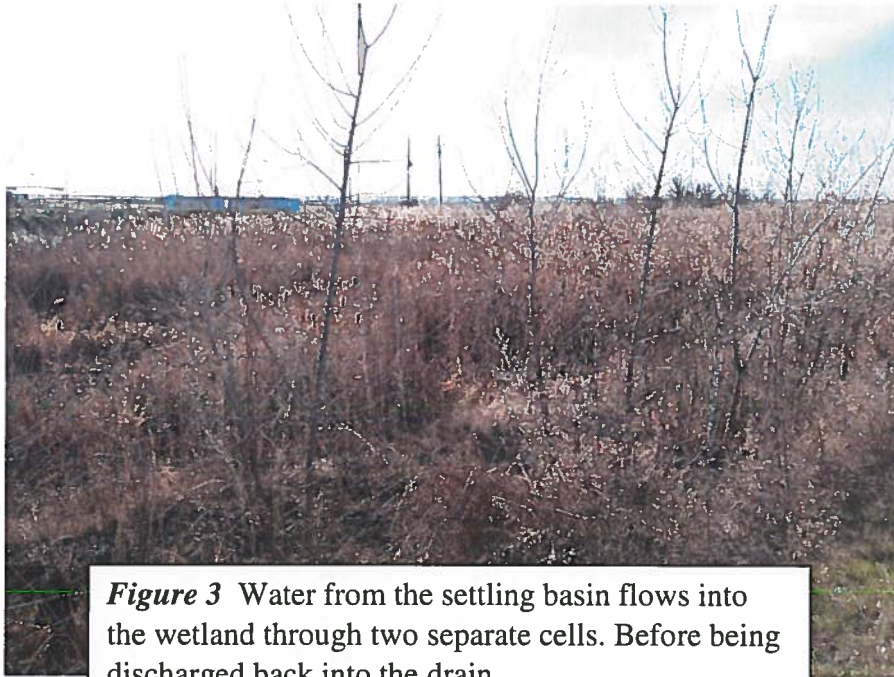


Figure 3 Water from the settling basin flows into the wetland through two separate cells. Before being discharged back into the drain.



Figure 4 Before returning to the drain, water flows over this v-notch weir which is used to measure discharge. The high water mark on the staff gauge shown here reads 0.68 ft, which is equivalent to a discharge of 0.96 cfs.

Beneficial Use Field Report

System Diagram

North Alkali Drain

SESW 4 11

05N06W

Parma Water Lifter pump

Wetland Cells
0.3 acre-feet total

25 ft - 8" solid PVC to
concrete diversion box

150 ft - 8" gated PVC

Settling Basin
0.2 acre-feet

80 ft - 8" solid PVC

Brumback Ln

NENW 1

14

LEGEND

▼ V-notch weir

● Pump (POD)

N



0 0.0075 0.015 Miles

State of Idaho
Department of Water Resources
BENEFICIAL USE FIELD REPORT
63-33843

This map depicts the WATER QUALITY IMPROVEMENT and WATER QUALITY IMPROVEMENT STORAGE place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.

06W



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections

0 0.035 0.07 0.14 Miles



State of Idaho
Department of Water Resources
BENEFICIAL USE FIELD REPORT
63-33843

This map depicts the IRRIGATION place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections

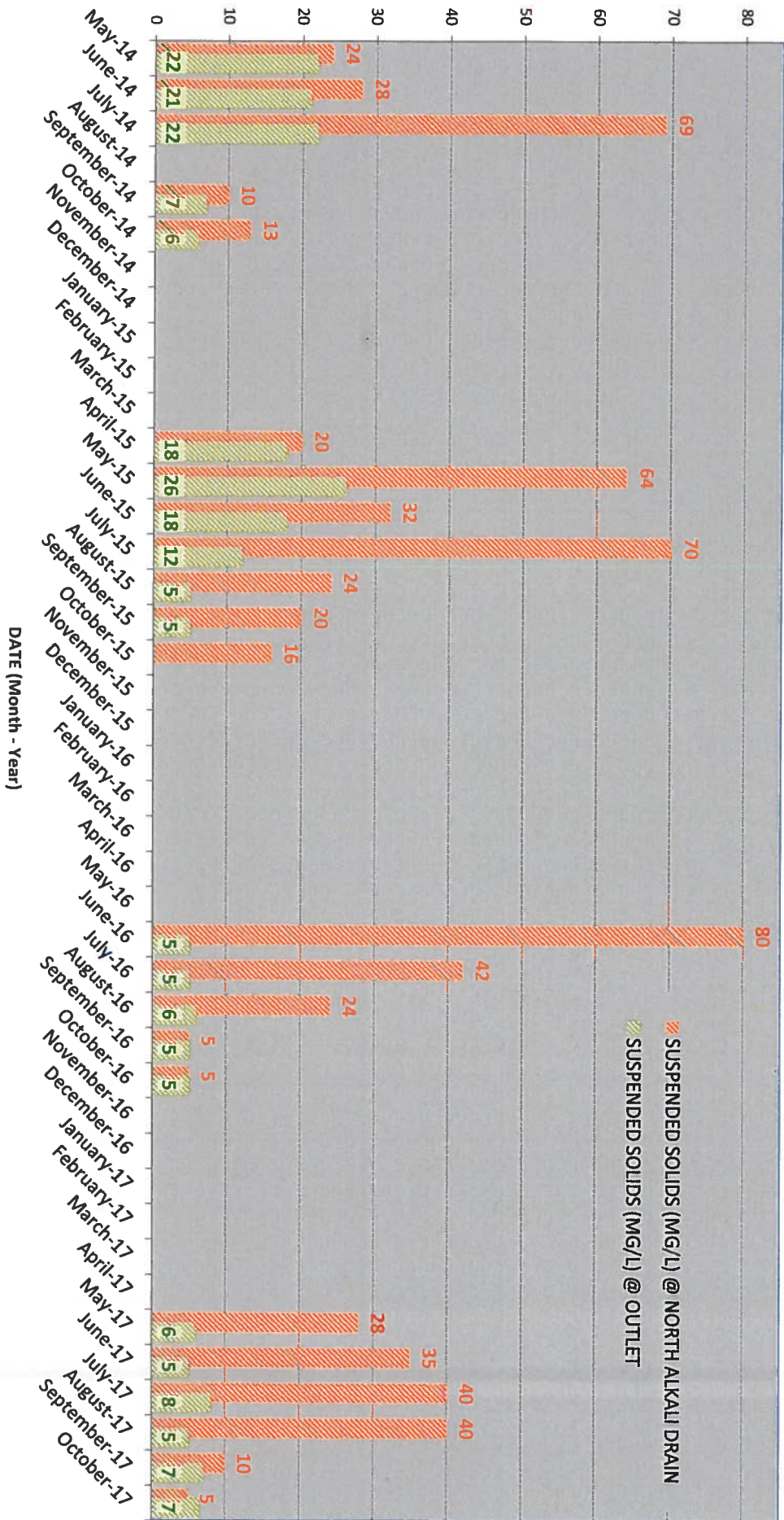
0 0.035 0.07 0.14 Miles



[Suspended Solids] (mg/L)

North Alkali Drain
Water Quality Improvement Pilot Project at the Boren Family Farm

Measured Suspended Solids in the North Alkali Drain and Outlet of the Project
Prepared by Hal Anderson and Rob Tiedemann, Ph.D.



USNM#011	Basin/Step 1	Source	Use
	Mud-41	BOREN, J I SNAKE RIVER	IRRIGATION
	63-21694	HATCH JR GROUND WATER DOMESTIC	IRRIGATION
	63-28293	HALLER GROUND WATER DOMESTIC	IRRIGATION
	63-31092	JOAN A B SOUTH HOISE D I	IRRIGATION
	63-32357	MC CONN HOISE RIVER	IRRIGATION
	63-33843	BOREN, J NORTH ALKALI	IRRIGATION
	63-33843	BOREN, J NORTH ALKALI WATER QUAIL	IRRIGATION
	63-33843	BOREN, J NORTH ALKALI WATER QUAIL	IRRIGATION
	63-4612A	MC CONN HOISE RIVER	IRRIGATION
	63-4632B	MC CONN HOISE RIVER	IRRIGATION
	63-4632C	MC CONN HOISE RIVER	IRRIGATION
	63-4632D	MC CONN HOISE RIVER	IRRIGATION
	63-4632E	MC CONN HOISE RIVER	IRRIGATION
	63-4632F	MC CONN HOISE RIVER	IRRIGATION
	63-4632G	MC CONN HOISE RIVER	IRRIGATION
	63-4632H	MC CONN HOISE RIVER	IRRIGATION
	63-4632I	MC CONN HOISE RIVER	IRRIGATION
	63-4632J	MC CONN HOISE RIVER	IRRIGATION
	63-4632K	MC CONN HOISE RIVER	IRRIGATION
	63-4632L	MC CONN HOISE RIVER	IRRIGATION
	63-4632M	MC CONN HOISE RIVER	IRRIGATION
	63-4632N	MC CONN HOISE RIVER	IRRIGATION
	63-48404	HATCH JR SOUTH HOISE D I	IRRIGATION
	63-9696	JOAN A B SOUTH HOISE D I	IRRIGATION

Non-overlapping irrigation

[illegible]

BasinSequence	Owner	Source
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100	...	...

Mar-41 BOREN, J SNAKE RIVER

63-21694 HITCH JR GROUND WAT

63-21767 VAN VLIJ SOUTH BOISE DRAIN

63-28293 MALLER, GROUND WATER

63-3092 JOAN A B SOUTH BOISE DRAIN

63-33843 BOREN, J NORTH ALKALI DRAIN

63-8404 HITCH JR SOUTH BOISE DRAIN

63-9696 JOAN A BSOUTH BOISE DRAIN

NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE
				X											
												X			
			X												X
											X				
											X				
															X
								X							

Different source

Parker, Cody

From: Hal Anderson <hal@idahowaterengineering.com>
Sent: Friday, March 30, 2018 10:50 AM
To: Parker, Cody
Cc: dave@idahowaterengineering.com; Douglas Jones; Gary Howard; Langfield, Joe; Mark Ryan; Rob Tiedmann
Subject: RE: Water right permit no. 63-33843

Cody,
In 2105 we operated from March 31 until October 19. However, remember that this is a demonstration project at this point. The major issue related to the length of season is how much time we have available. I do almost all the operation and management of the project. I am in Boise and it is a 45 min. drive to the project site. Since this is a voluntary effort by Idaho Water Engineering, some years our schedule is pretty busy in the Spring and Fall. The project really could be operated pretty much year-round but in reality, it would not be near as effective during the winter months unless additional treatment options were included, which we have looked at but have yet to have the resources to implement. So, at this point we have determined that winter operation is really not cost effective. Hope this helps. –Hal

Hal N. Anderson

Managing Partner
Idaho Water Engineering
2918 N. El Rancho Place, Boise ID. 83704
Website: www.idahowaterengineering.com
e-mail: hal@idahowaterengineering.com
Office: (208) 378-1513
Cell: (208) 830-5525

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From: Parker, Cody <Cody.Parker@idwr.idaho.gov>
Sent: Friday, March 30, 2018 8:09 AM
To: Hal Anderson <hal@idahowaterengineering.com>
Subject: RE: Water right permit no. 63-33843

Ok one final question and I should be good. What is the maximum number of days per year that you have been able to run the system since the start of the project?

From: Hal Anderson [<mailto:hal@idahowaterengineering.com>]
Sent: Thursday, March 29, 2018 4:18 PM
To: Parker, Cody <Cody.Parker@idwr.idaho.gov>
Subject: Re: Water right permit no. 63-33843

Cody,
Yes, 24/7 when operating. Hal

On Thu, Mar 29, 2018, 3:31 PM Parker, Cody <Cody.Parker@idwr.idaho.gov> wrote:

Perfect, thank you for your help. Does the system run day and night?

From: Hal Anderson [mailto:hal@idahowaterengineering.com]
Sent: Thursday, March 29, 2018 2:57 PM
To: Parker, Cody <Cody.Parker@idwr.idaho.gov>
Cc: 'Mike Boren' <mike@clearwateranalytics.com>; dave@idahowaterengineering.com; Douglas Jones <drjonestwf@msn.com>; Gary Howard <ghoward@thewetlandsgroup.com>; Langfield, Joe <Joe.Langfield@supervalu.com>; Mark Ryan <mr@ryankuehler.com>; Rob Tiedmann <ecodesigninc@mac.com>
Subject: RE: Water right permit no. 63-33843

Cody,

I am answering your questions using red text below. --Hal

Hal N. Anderson

Managing Partner

Idaho Water Engineering

2918 N. El Rancho Place, Boise ID. 83704

Website: www.idahowaterengineering.com

e-mail: hal@idahowaterengineering.com

Office: (208) 378-1513

Cell: (208) 830-5525

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From: Parker, Cody <Cody.Parker@idwr.idaho.gov>
Sent: Thursday, March 29, 2018 1:10 PM
To: Hal Anderson <hal@idahowaterengineering.com>
Subject: RE: Water right permit no. 63-33843

So we ran out there and got the pictures and GPS points we needed this morning. However, I do have a few questions for you:

- First, can you provide any data regarding the improvement of water quality using the system? Do you also have any data regarding flow rates into and out of the system? **Yes, I am attaching a presentation I plan to give to the Lower Boise Watershed Council next week. I also have spreadsheets with all the data by year if you want that much detail. I will attach a PDF version as the PowerPoint is too large to send via e-mail. See, last response for flow rates.**
- Next, we noticed that the vegetation in the wetland cells was primarily cattails, small trees (aspen?), etc. The original application suggested that the wetland would be used to grow vegetation for animal feed and composting. Has the vegetation grown in the wetland been used for those purposes? **The initial planting was grasses and sedges on one wetland plot and willows on the other, however in year two cattails moved in and the sedges and willows also filled in both plots, so today you really can't tell much difference. We anticipated that someone might be interested in harvesting the plots and either doing a study on the amount of phosphorus contained in the vegetation or using it for animal bedding, compost or feed. However, that never really materialized. As you probably know this project was funded as a demonstration project, so my guess is as we move into the next phase of operation, this is the last year of the demonstration, that vegetation harvesting will be included.**
- Finally, can you tell me the pump make, model, and horsepower? Also, if you know the elevation difference between the pump and the discharge into the settling pond that would be helpful as well. **The installed pump is a Parma Water Lifter, it is the only model they make and is equipped with a five horsepower motor. It is rated at 450 gpm, 1 cfs. The discharge at the outlet averages around .95 cfs, 427.5 gpm. The lift from drain to pump discharge is approximately 9 feet.**

Thanks in advance for your help. Once I get the information, I should be able to finish my report and recommend a water right license. I will let you know if I think of any more questions.

Best,

Cody Parker

Water Resource Agent

IDWR Western Region

208-334-2190

From: Hal Anderson [<mailto:hal@idahowaterengineering.com>]

Sent: Thursday, March 29, 2018 9:15 AM

To: 'Mike Boren' <mike@clearwateranalytics.com>; Parker, Cody <Cody.Parker@idwr.idaho.gov>

Cc: dave@idahowaterengineering.com; Douglas Jones <drjonestwf@msn.com>; Gary Howard <ghoward@thewetlandsgroup.com>; Langfield, Joe <Joe.Langfield@supervalu.com>; Mark Ryan <mr@ryankuehler.com>; Rob Tiedmann <ecodesigninc@mac.com>
Subject: RE: Water right permit no. 63-33843

Cody,

I would be happy to meet you on site next Thursday, April 5, at 9:30, we currently have the pump turned off, but will be doing spring maintenance with the goal of stating 2018 operation around May 1. --Hal

From: Mike Boren <mike@clearwateranalytics.com>
Sent: Thursday, March 29, 2018 9:03 AM
To: Parker, Cody <Cody.Parker@idwr.idaho.gov>
Cc: Hal Anderson <hal@idahowaterengineering.com>
Subject: RE: Water right permit no. 63-33843

If you're looking for a wetlands specialist, that's not me. All I know is it pumps water out of the drainage ditch, lets it run through a settling pond system that has various types of plants in it, and sends it back into the drainage ditch. There's a pump at the upstream end and that plus the ponds is the entire infrastructure. However, I'd be glad to meet you out there and show you around. First availability for me would be April 19.

I have copied Hal Anderson on this message. He originally designed the system and should be able to answer any questions you may have.

From: Parker, Cody <Cody.Parker@idwr.idaho.gov>
Sent: Thursday, March 29, 2018 7:36 AM
To: Mike Boren <mike@clearwateranalytics.com>
Subject: RE: Water right permit no. 63-33843

Ideally I would like to have someone there who knows the system.

From: Mike Boren [<mailto:mike@clearwateranalytics.com>]
Sent: Tuesday, March 27, 2018 10:35 PM
To: Parker, Cody <Cody.Parker@idwr.idaho.gov>
Subject: Re: Water right permit no. 63-33843

Yes. Do I need to be there, or can you look it over on your own? Access is easy - it's right on Brumback Lane with no locked gate.

On Mar 27, 2018, at 9:01 AM, Parker, Cody <Cody.Parker@idwr.idaho.gov> wrote:

Would Thursday of this week work for you? Say around 930 AM?

Cody Parker

From: Mike Boren [<mailto:mike@clearwateranalytics.com>]
Sent: Monday, March 26, 2018 5:26 PM
To: Parker, Cody <Cody.Parker@idwr.idaho.gov>
Cc: mkboren@gmail.com
Subject: Water right permit no. 63-33843

Cody,

In reference to your letter concerning water right permit n. 63-33843, you are welcome to complete the field examination any time. Please let me know what date and time will work best for you.

You can reach me at (208) 866-8555 or via email.

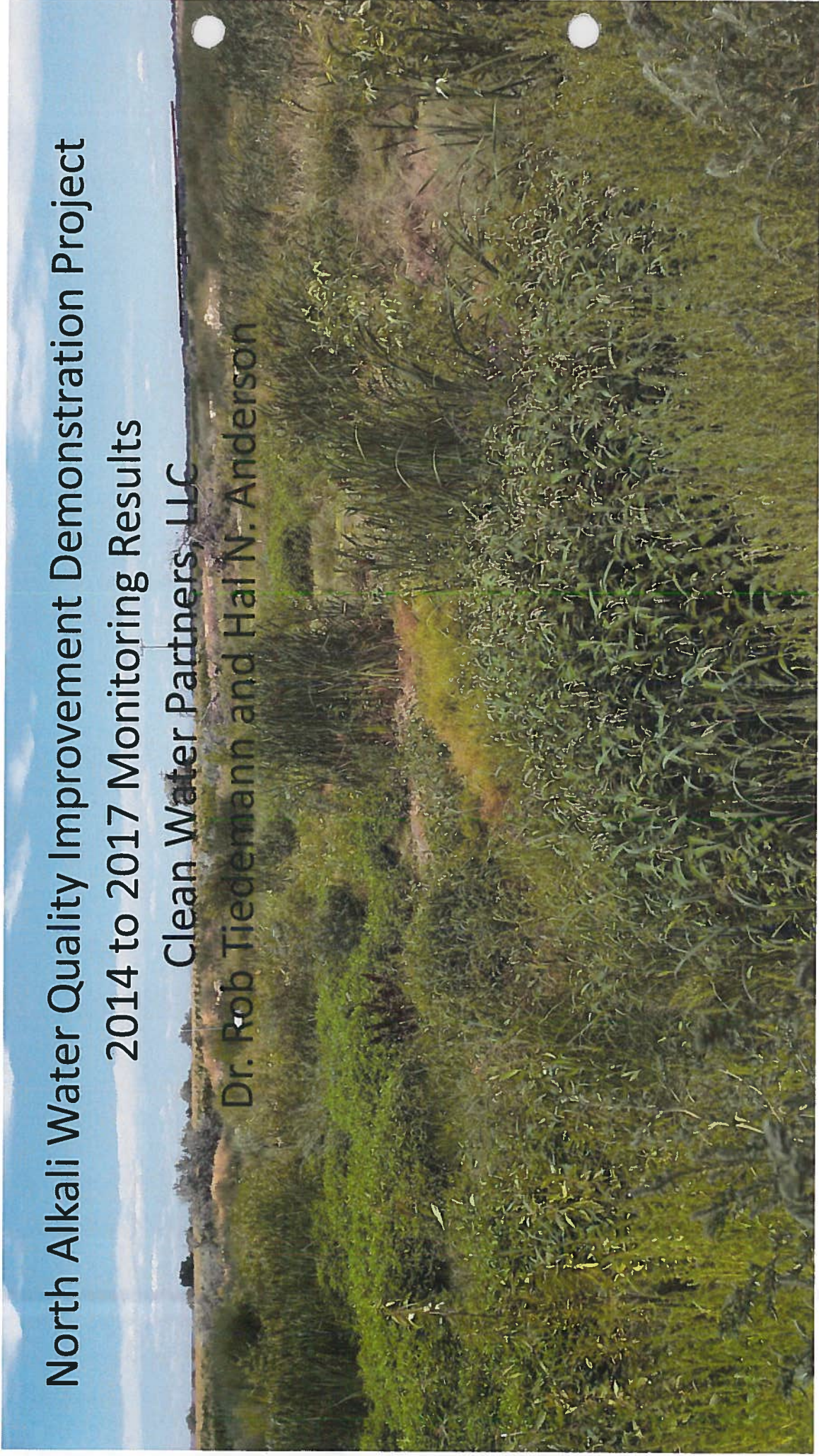
Kind regards,

Mike Boren

North Alkali Water Quality Improvement Demonstration Project 2014 to 2017 Monitoring Results

Clean Water Partners, LLC

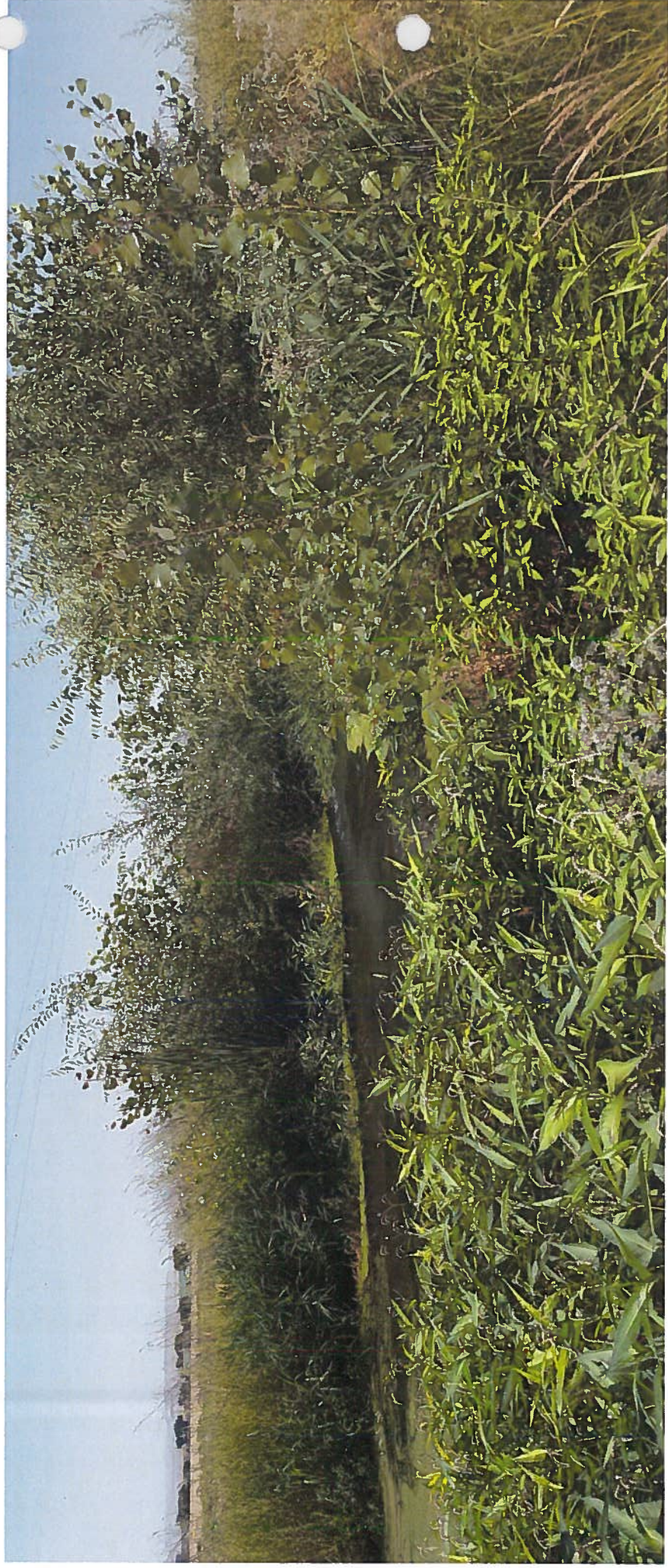
Dr. Rob Tiedemann and Hal N. Anderson



North Alkali Drain



North Alkali Sediment Basin



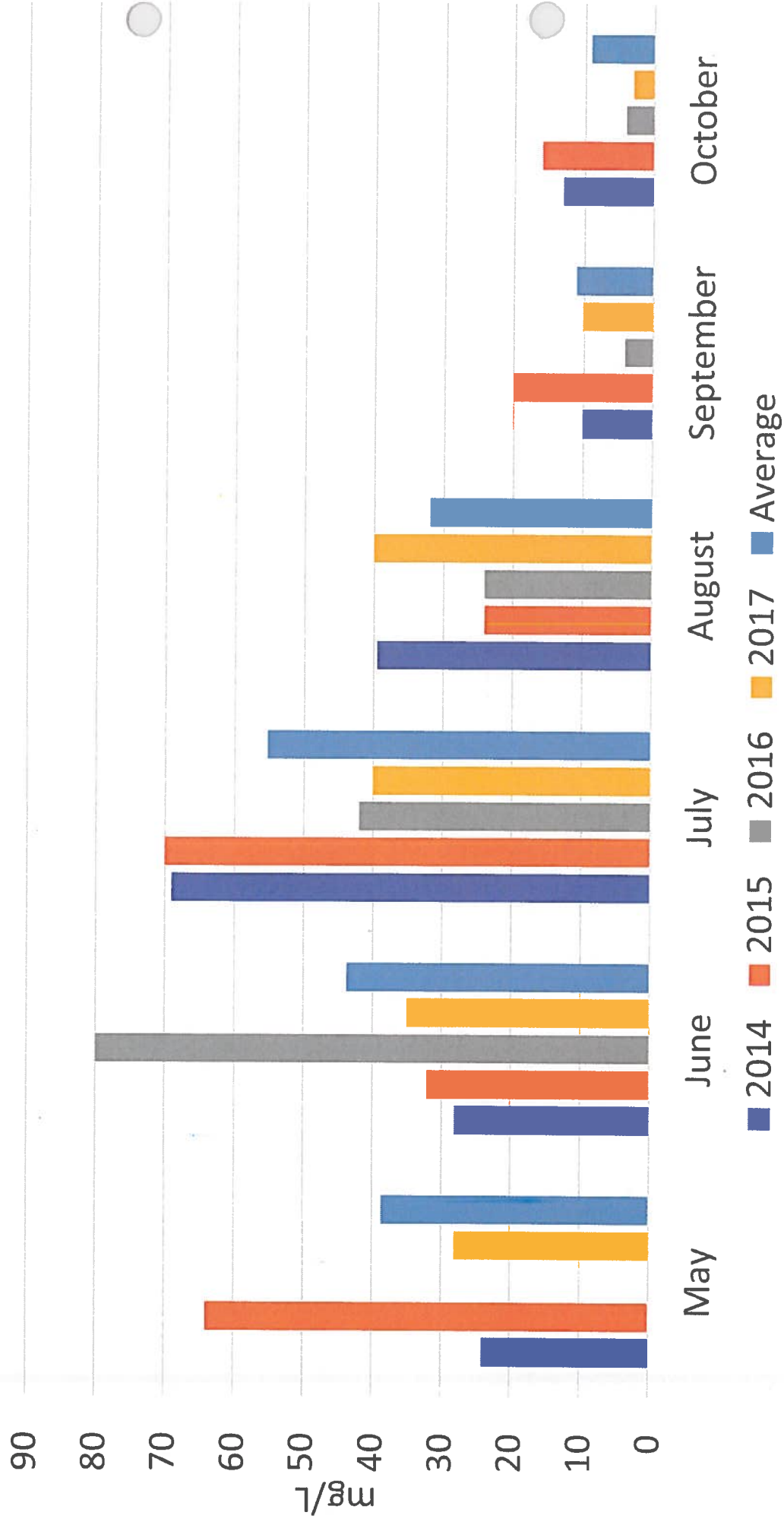
North Alkali Wetland



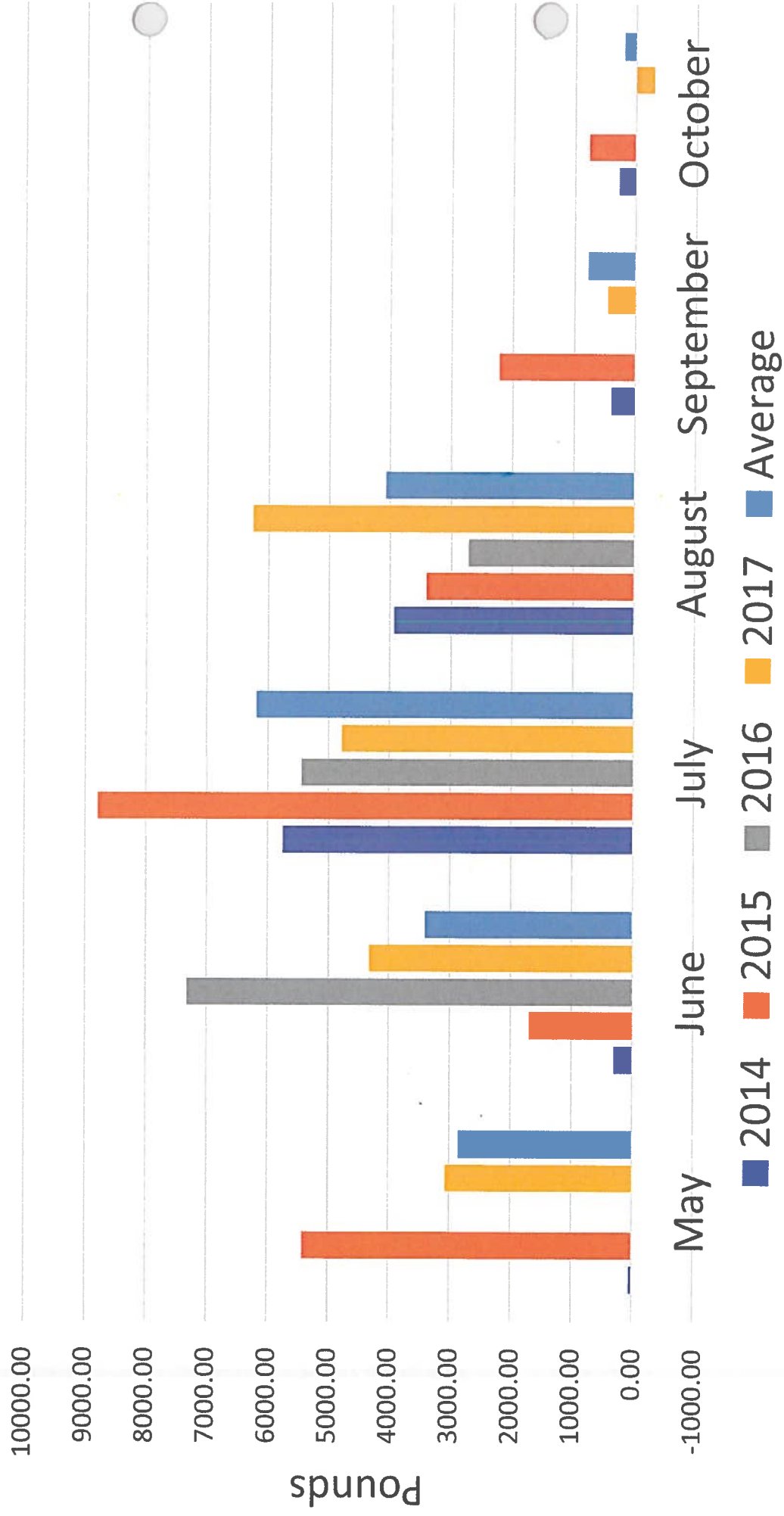
North Alkali Outlet



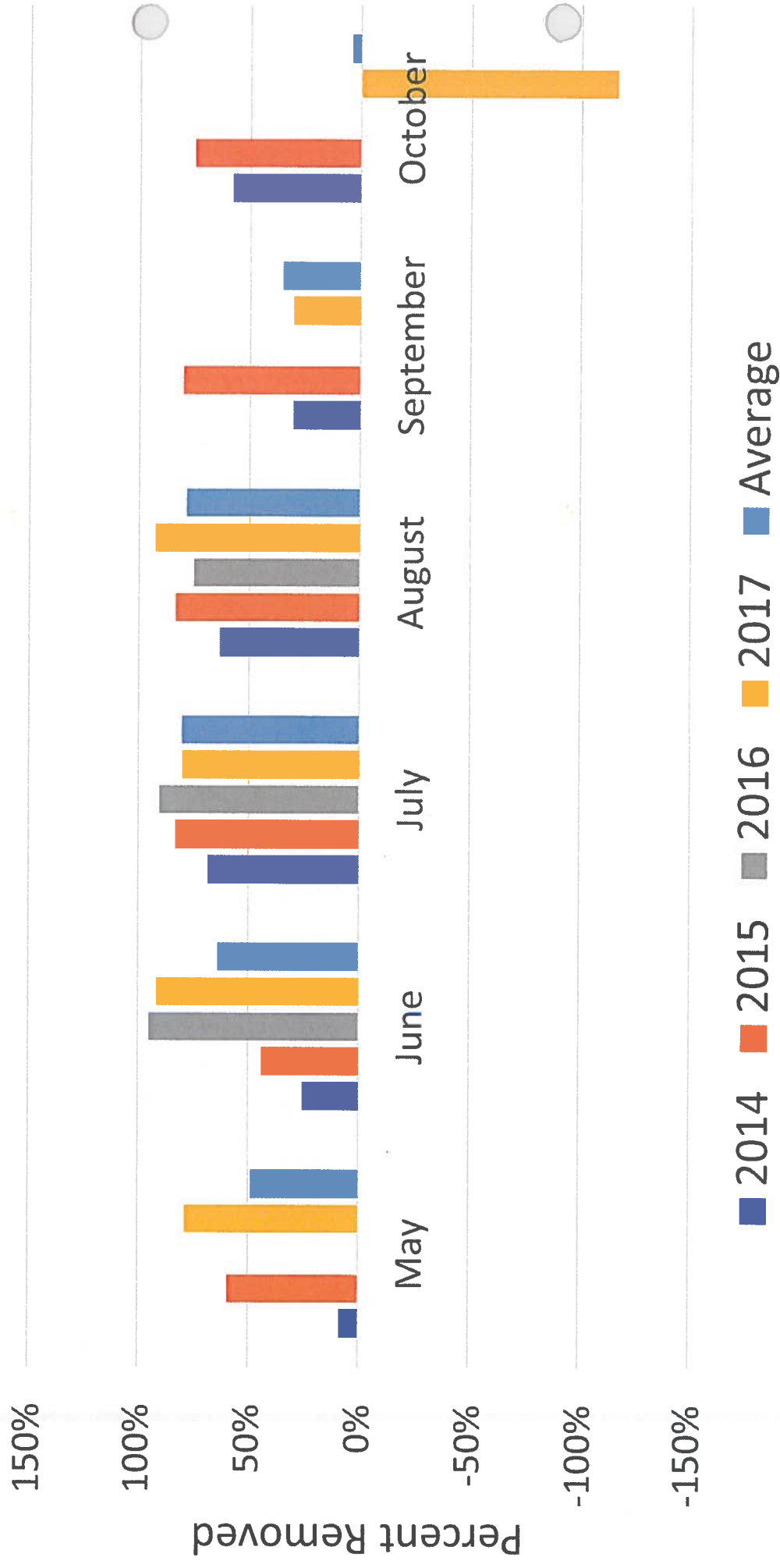
TSS in North Alkali Drain



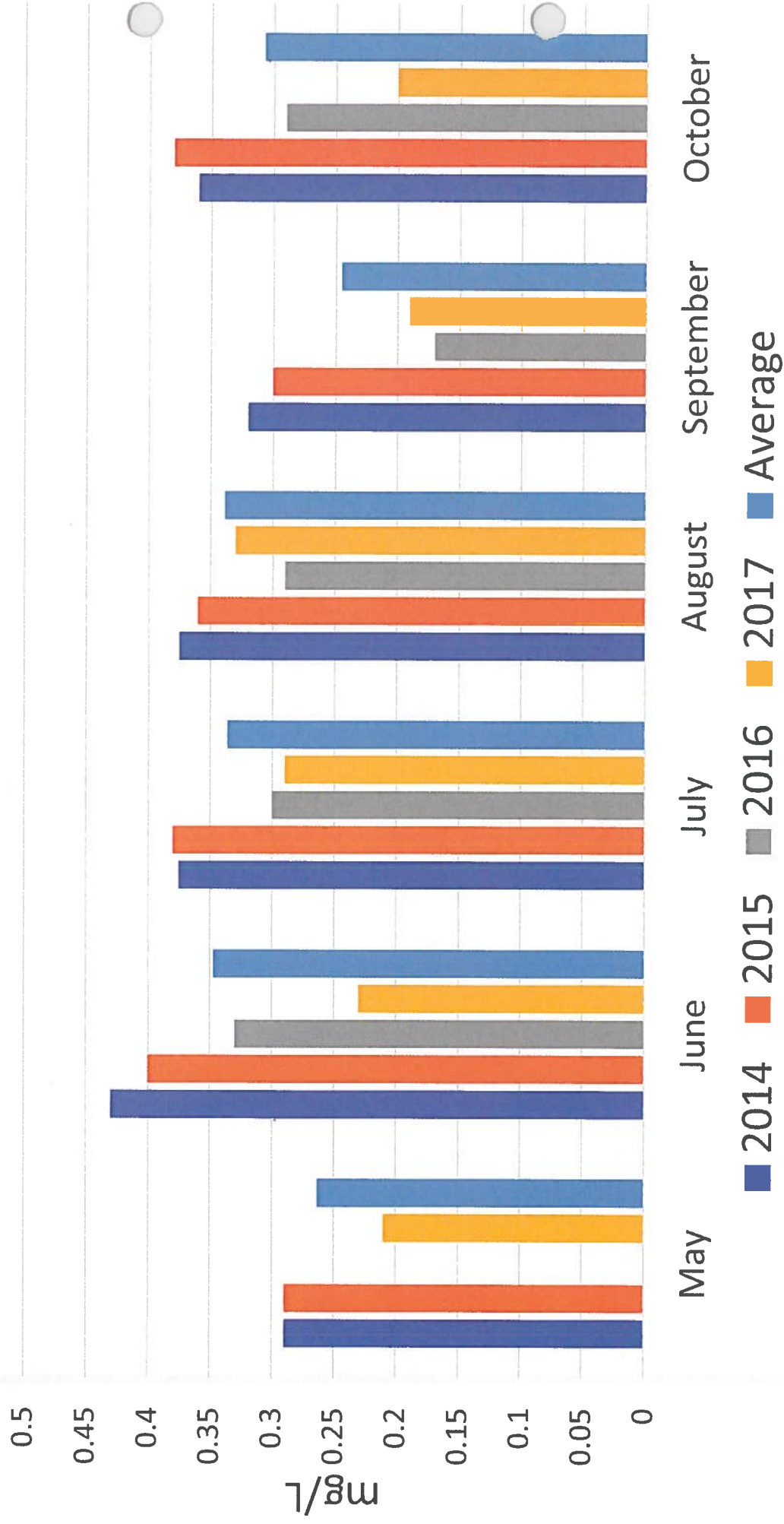
TSS Pounds Removed



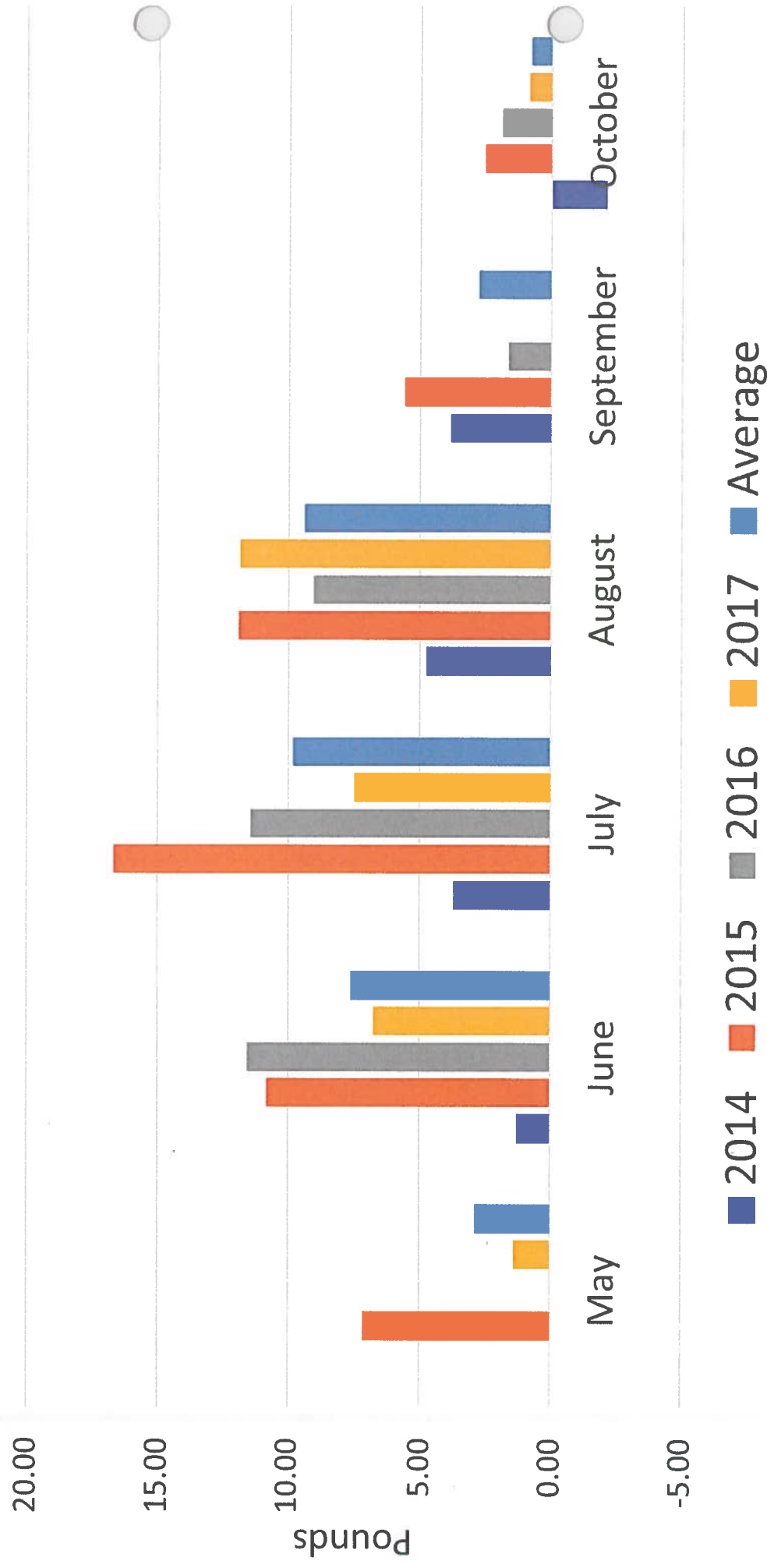
TSS Removal Efficiency



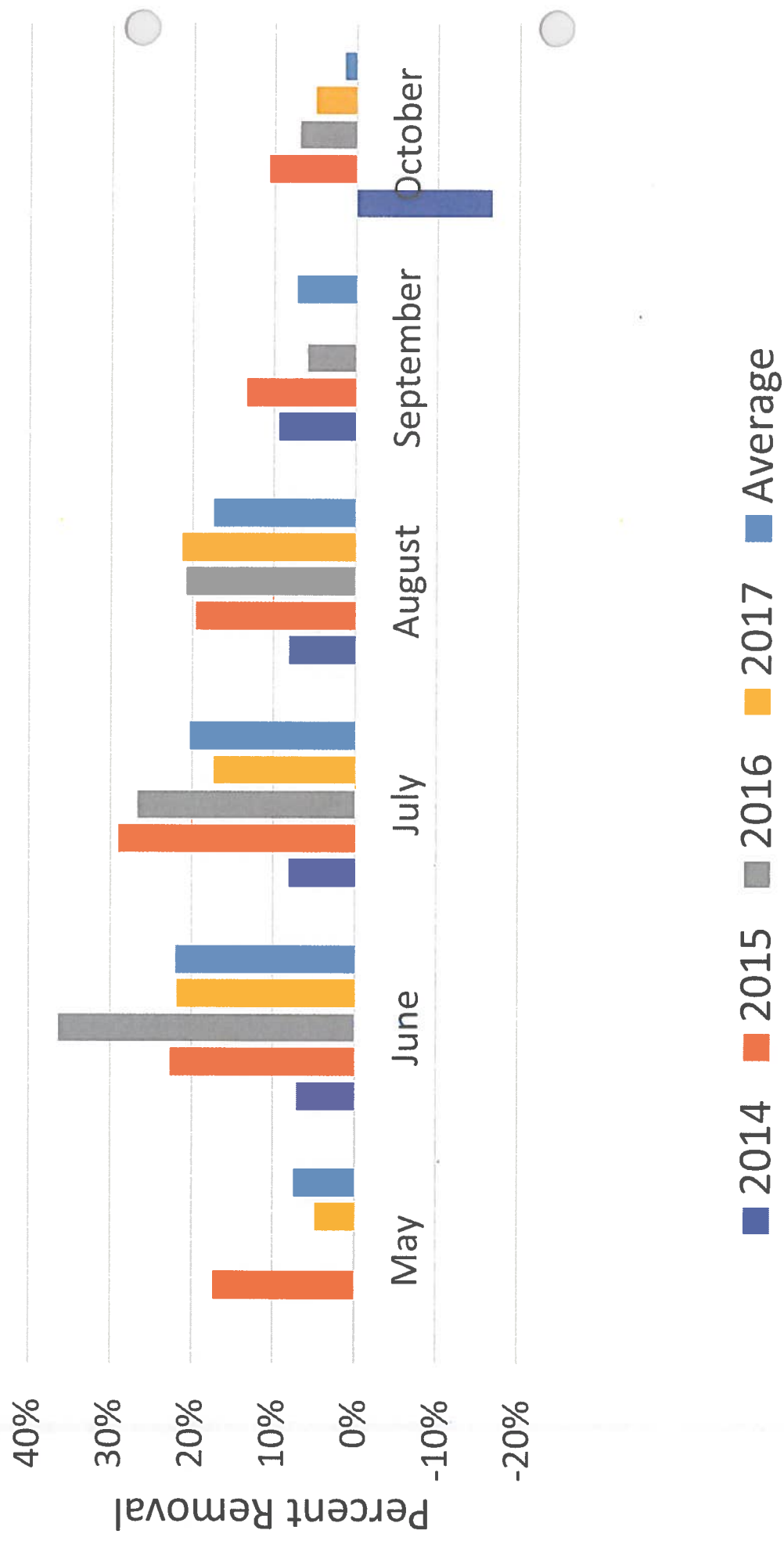
Total P Measured in North Alkali Drain



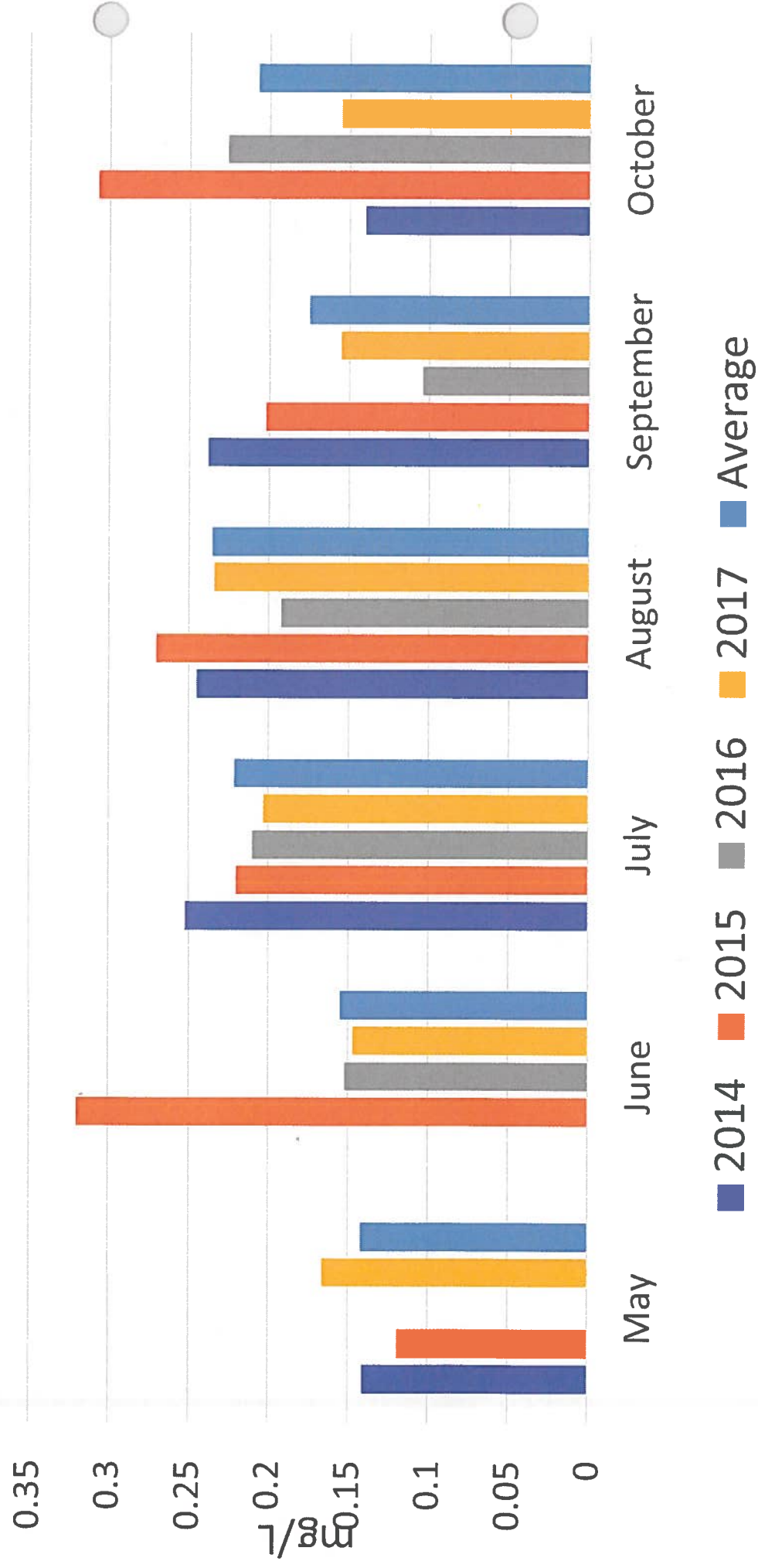
Total Phosphorus Removed



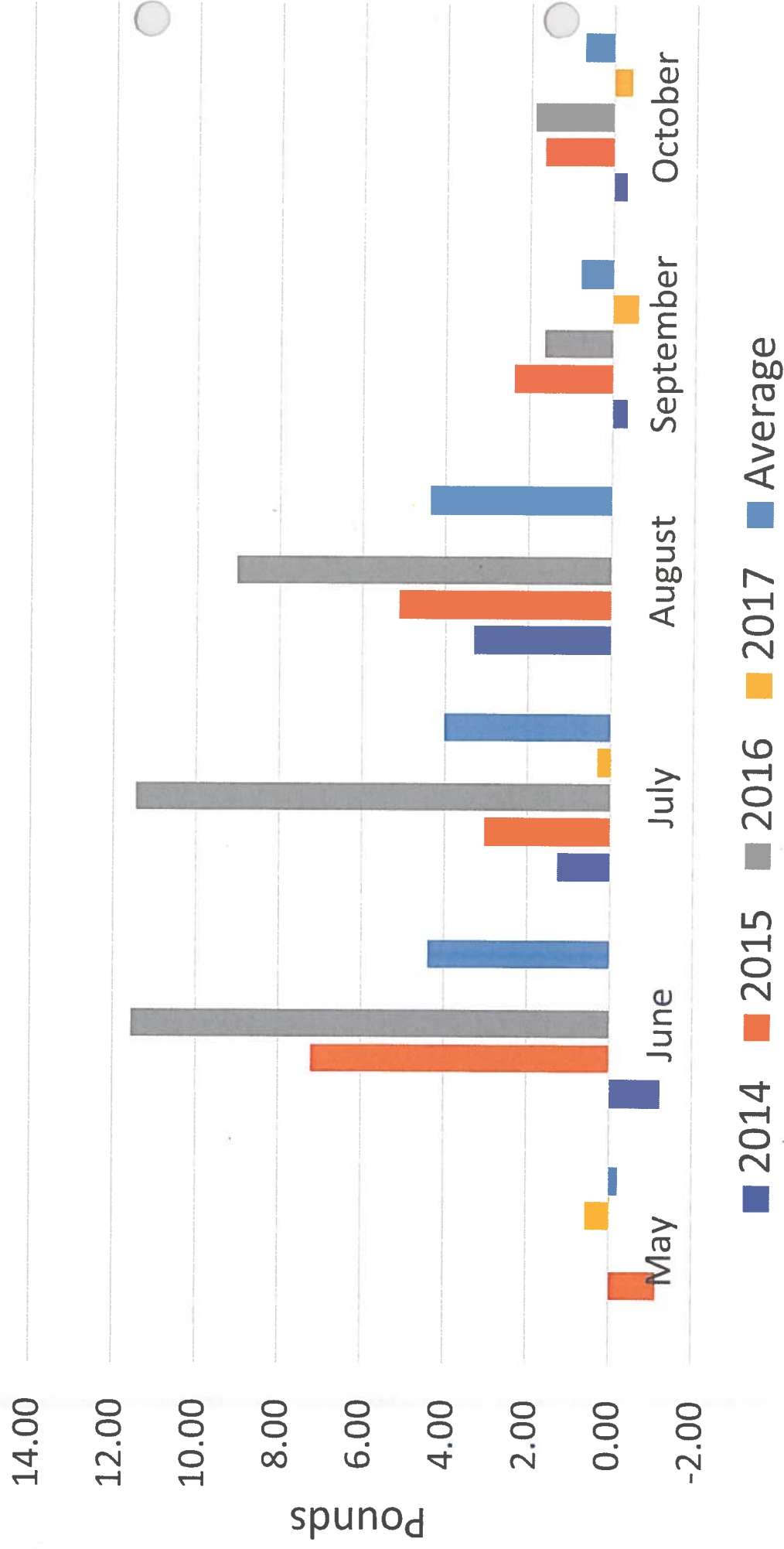
Total P Removal Efficiency



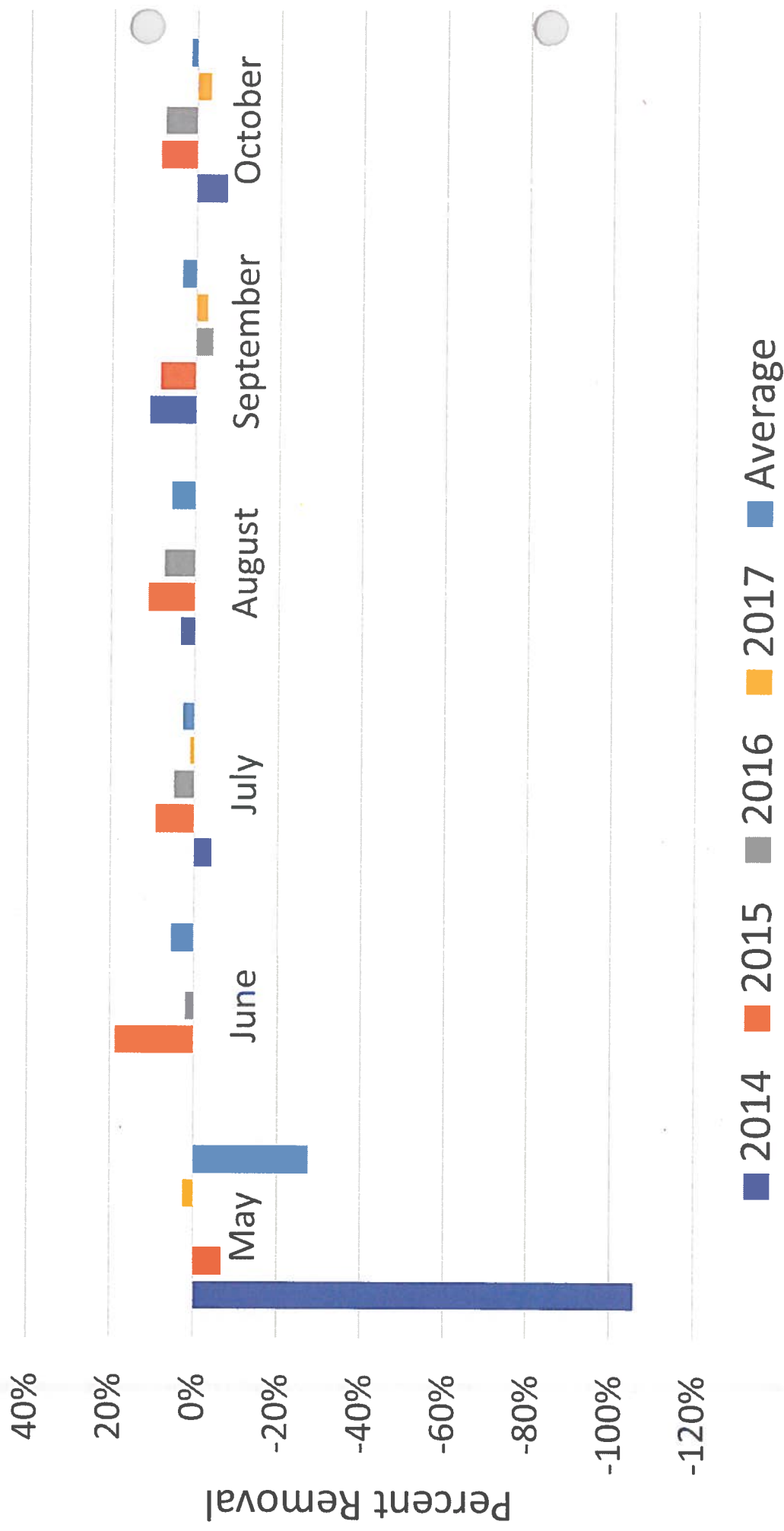
Total Ortho P Measured in North Alkali Drain



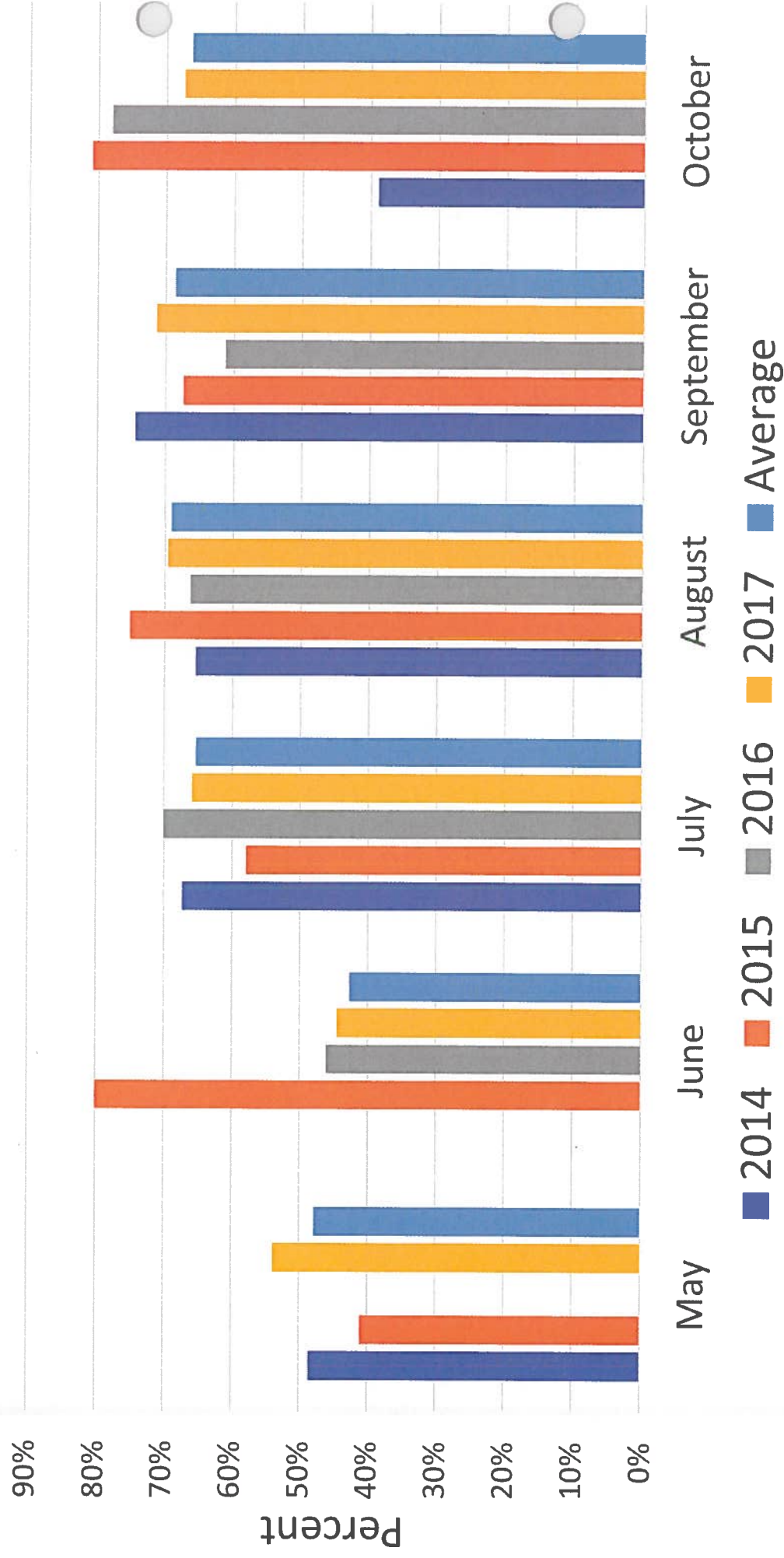
Total Ortho Phosphate Removed



Dissolved P Removal Efficiency

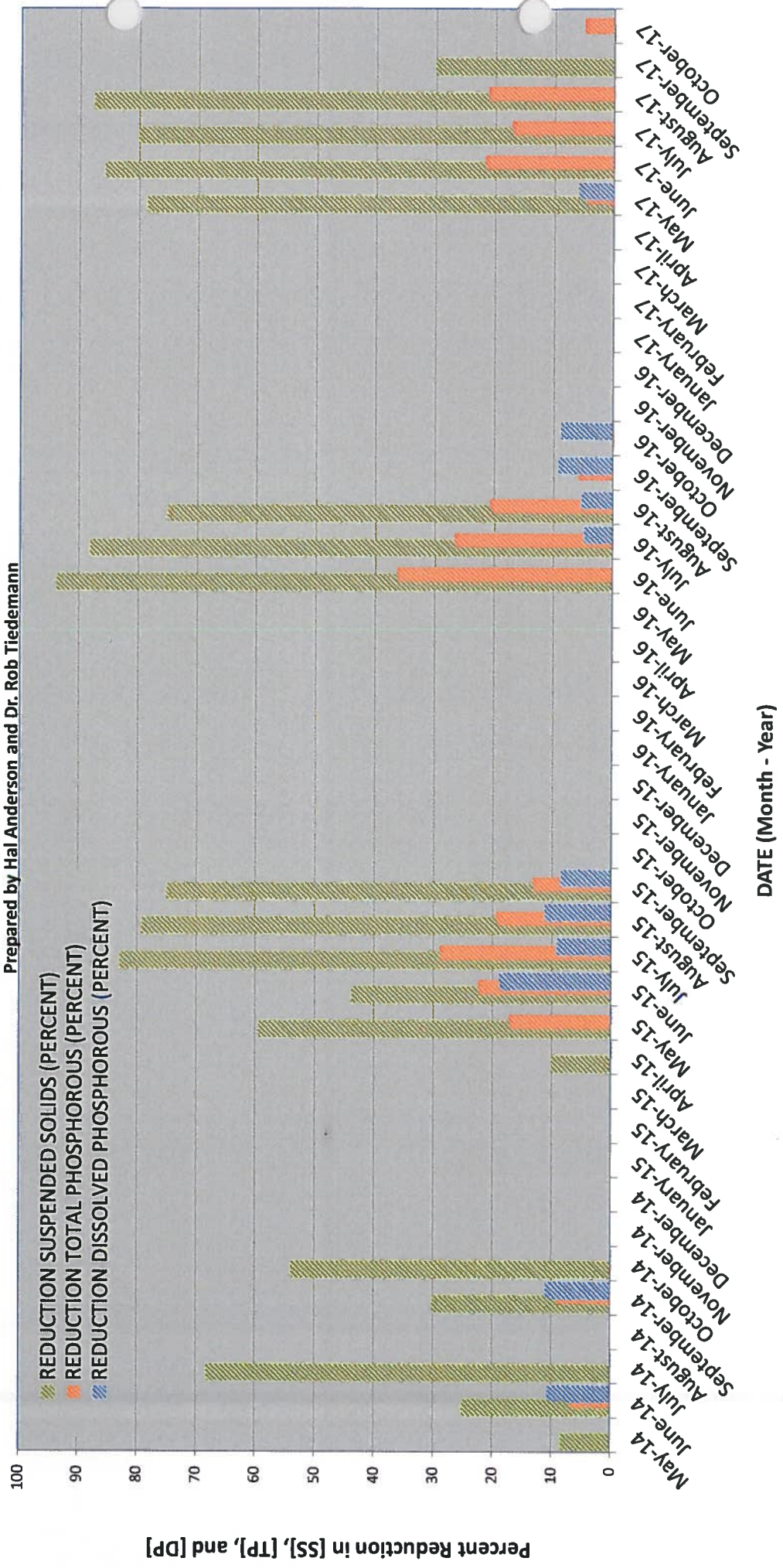


Percentage of Total P from Ortho P

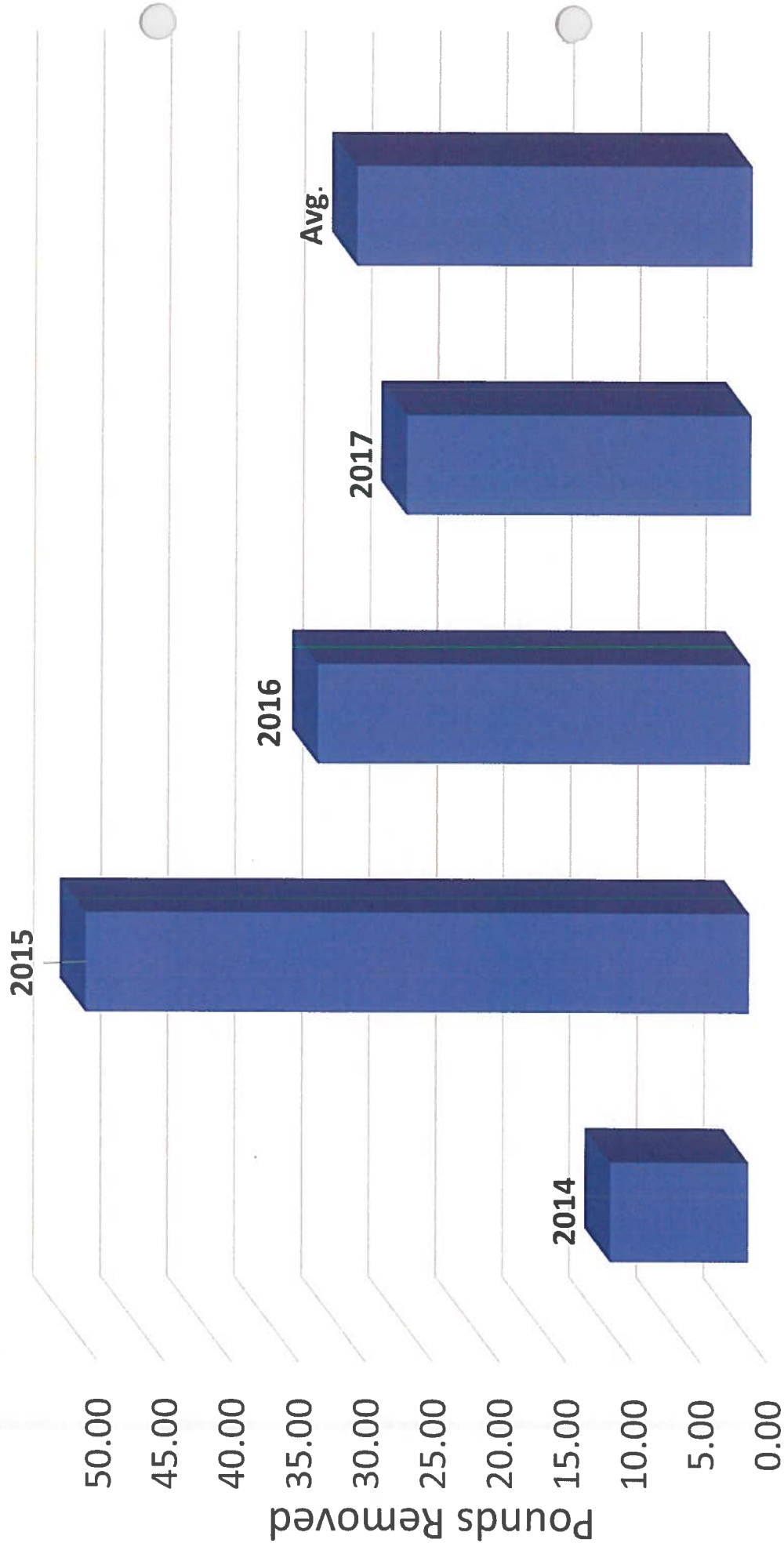


North Alkali Drain
Water Quality Improvement Pilot Project at the Boren Family Farm

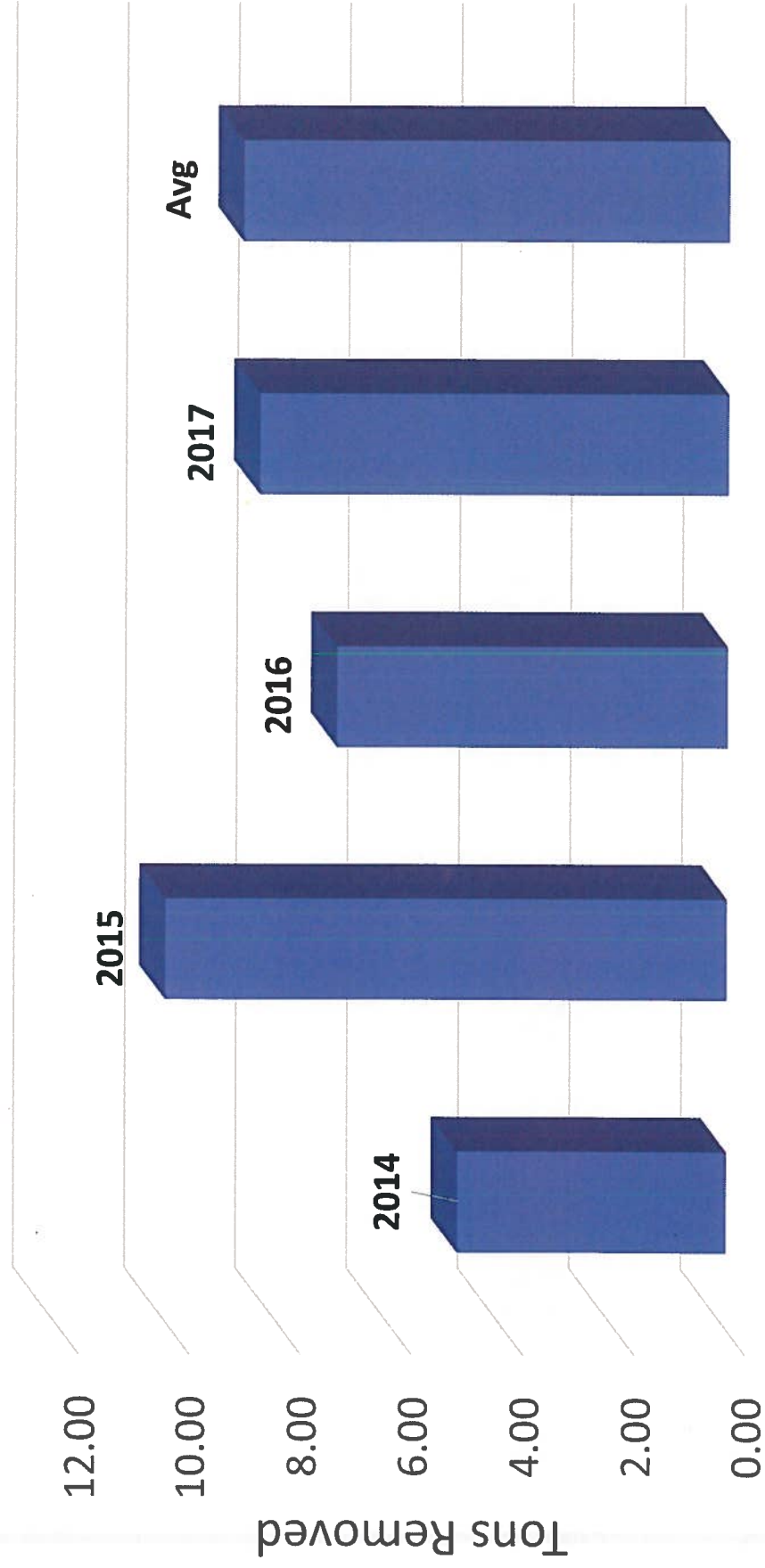
Calculated Percent Reduction of Total Suspended Solids (TSS), Total Phosphorous (TP), and Dissolved Phosphorous (DP) Attributable to the Project
Prepared by Hal Anderson and Dr. Rob Tiedemann



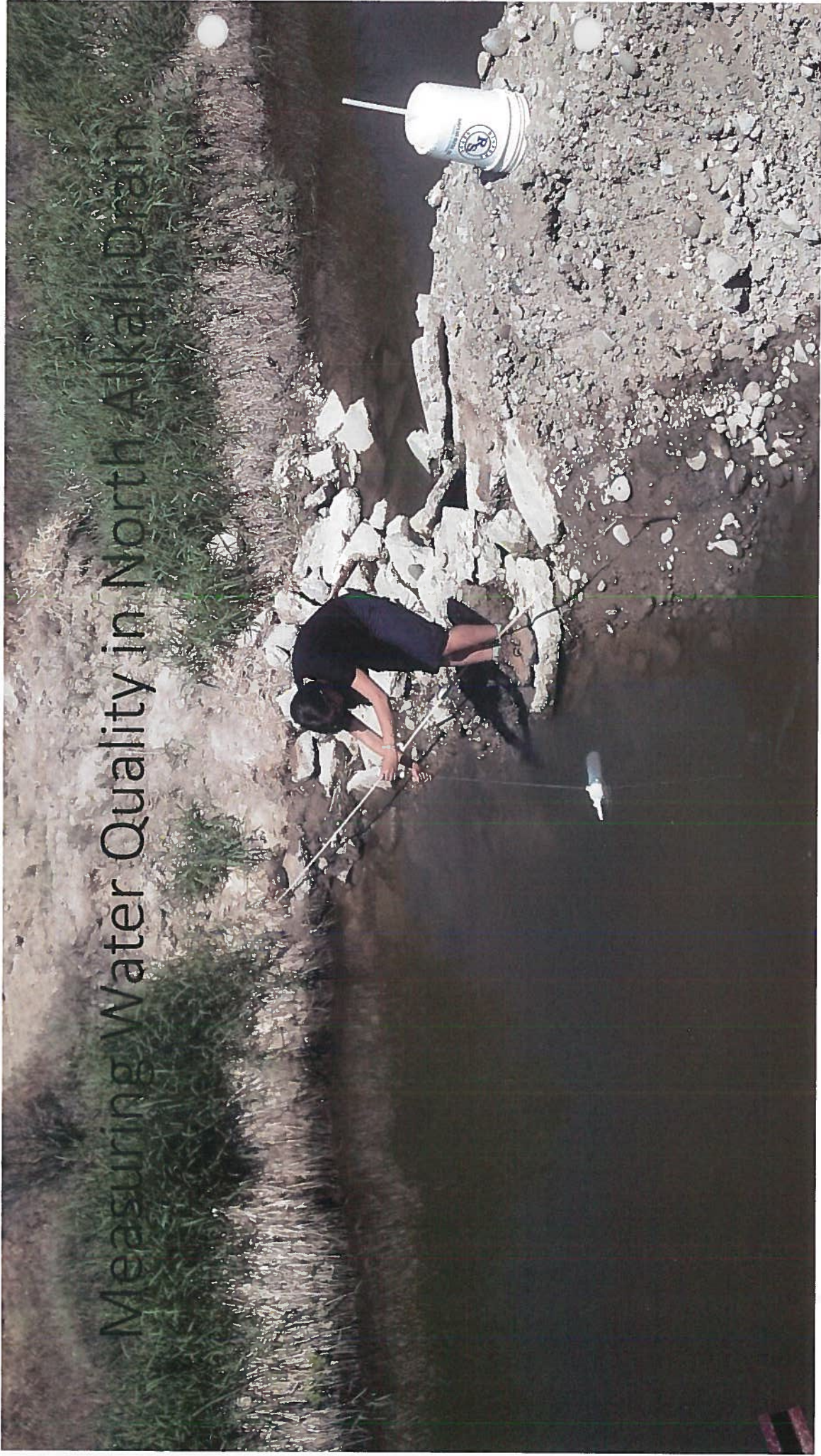
Total Annual Phosphorus Removed North Alkali Project

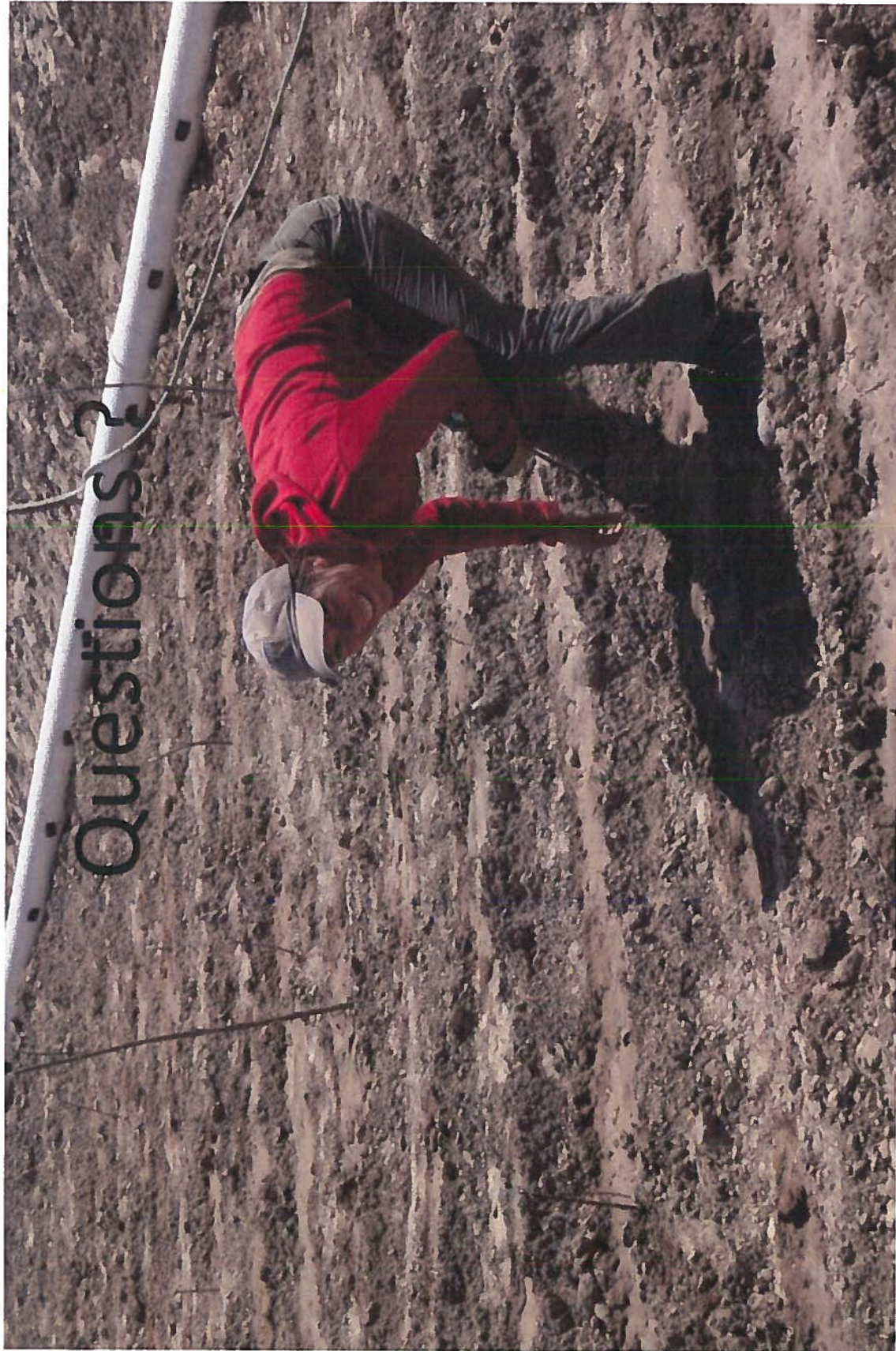


TSS Removed North Alkali Project



Measuring Water Quality in North Alkali Drain





Questions?



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

March 16, 2018

JOAN And MICHAEL BOREN
1050 N BRIAR LN
BOISE ID 83712

RE: Water right permit no. 63-33843

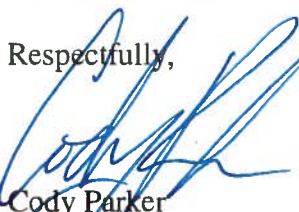
Dear Permit Holders,

I am writing you today in regard to the water right permit referenced above which authorizes the diversion of water from the North Alkali Drain for irrigation and water quality improvement uses. On June 18, 2015, you submitted proof of beneficial use indicating that the development of your project is complete. The next step in the water appropriation process is to complete a field examination to verify the extent to which water use was developed according to the permit.

Please contact me within thirty (30) days of the date of this letter to schedule a time to complete the field examination. If you do not make a timely reply, I will assume that you have no further interest in pursuing a water right license, and I will take action to void the permit.

Let me know if you have any questions regarding the content of this letter. I look forward to your reply. Thank you in advance for your help.

Respectfully,


Cody Parker
Water Resource Agent
IDWR Western Region
208-334-2190
cody.parker@idwr.idaho.gov