

HYBRID MEETING NOTICE

Truckee Meadows Stormwater Permit Coordinating Committee

DATE: June 23, 2022
TIME: 9:15 A.M.
PLACE: CITY OF RENO, CITY HALL
6TH FLOOR CONFERENCE ROOM
1 EAST FIRST STREET
RENO, NEVADA 89501
(There is parking available in Parking Garage
above the First Floor)

Members

Kevin Porter, Chair

Theresa Jones
Cody McDougall
James Pehrson
Jennifer Heeran
____TBD____

Public Notice

This agenda has been physically posted in compliance with NRS 241.020(3)(notice of meetings) at Reno City Hall – 1 East First Street, Washoe County Administration Building – 1001 East 9th Street and Sparks City Hall – 431 Prater Way. In addition, this agenda has been electronically posted in compliance with NRS 241.020(3) at <http://www.reno.gov>, and NRS 232.2175 at <https://notice.nv.gov/>. To obtain further documentation regarding posting, please contact Tara Aufiero at aufierot@reno.gov.

Members of the Committee may participate in this meeting using the zoom video conference platform.

Members of the public may participate in the meeting by registering through the below zoom link which will provide the meeting ID number and call-in phone number.

Virtual link: <https://us06web.zoom.us/meeting/register/tZERd-uupz0rE9wzImRGgrs2Es3USvvf6612>

In Person: 1 East First Street, 7th Floor Caucus Conference Room

Accommodations

Reasonable efforts will be made to assist and accommodate individuals with disabilities attending the meeting. Please contact Tara Aufiero at (775) 333-7751 at least 48 hours in advance so that arrangements can be made.

Supporting Materials

Staff reports and supporting material for the meeting are available by contacting Tara Aufiero at (775) 333-7751 or aufierot@reno.gov and on the City's website at Reno.Gov. Pursuant to NRS 241.020(9), supporting material is made available to the general public at the same time it is provided to the public body.

Order of Business

The presiding officer shall determine the order of the agenda and all questions of parliamentary procedure at the meeting. Items on the agenda may be taken out of order. The public body may combine two or more agenda items for consideration; remove an item from the agenda; or delay discussion relating to an item on the agenda at any time. See, NRS 241.020(2)(c)(6). Items scheduled to be heard at a specific time will be heard no earlier than the stated time, but may be heard later.

In Person Public Comment

Public comment, whether on items listed on the agenda or general public comment, is limited to three (3) minutes per person. Unused time may not be reserved by the speaker, nor allocated to another speaker. No action may be taken on a matter raised under general public comment until the matter is included on an agenda as an item on which action may be taken.

Virtual Public Comment

No action may be taken on a matter raised under general public comment until the matter is included on a subsequent agenda as an action item.

Pursuant to NRS 241.023, those wishing to submit public comment may do so by contacting Theresa Jones by sending an email to jonest@reno.gov or by leaving a voicemail at 775-334-3311, or at the meeting during virtual public comment. Public comment is limited to three (3) minutes per person. Comments received prior to 4:00 p.m. on the day preceding the meeting will be transcribed, provided to the Board/Commission/Committee for review, and entered into the record. Comments received after 4:00 pm on the day preceding the meeting will be provided to the Board/Commission/Committee for review prior to adjournment, and entered into the record.

A. Introductory Items

- A.1 Call To Order/Roll Call**
- A.2 Public Comment** – This item is for either public comment on any action item or for any general public comment and is limited to no more than three (3) minutes for each commentator.
- A.3 Approval Of The Agenda (For Possible Action)** – June 23, 2022
- A.4 Approval Of The Minutes (For Possible Action)** – May 26, 2022

B. Business Items

- B.1** Review and possible approval for payment of below invoices. The City will pay the invoices and seek 75% reimbursement from the Water Management Fund from the Western Regional Water Commission and 25% reimbursement from the Nevada Department of Transportation per the Interlocal Agreements. (For Possible Action)
 - (i) Balance Invoice # 213136-0522, dated June 9, 2022, in the amount of \$13,957.84 related to Stormwater Monitoring for FY21/22.
 - (ii) NCE Invoice #167252505, dated June 3, 2022, in the amount of \$1,068.75 related to Watershed Assessments to Tributaries to the Truckee River.
- B.2** Review and possible approval for payment of below invoices and receipt. The City will seek reimbursement from the Water Management Fund from the Western Regional Water Commission per the Interlocal Agreement. (For Possible Action)
 - (i) A-#1 Chemical Inc Purchase Order #2022-00000855, dated June 8, 2022, in the amount of \$3,322.80 for 24 cases of dog waste bags for the Truckee Meadows Parks Foundation.
- B.3** Review, discussion and possible approval of improvements to the Annual Report CASQA (California Stormwater Quality Association) Effectiveness Assessment. (For Possible Action)
- B.4** Review, discussion and possible approval of improvements to the Annual Report Financial Questionnaire template. (For Possible Action)

- B.5** Nomination and election of chair for next fiscal year, to commence at the July 2022 SWPCC meeting. (For Possible Action)

C. Standing Agenda Items (Not For Action)

- C.1** Stormwater Management Program activities including but not limited to Construction, Industrial, Monitoring, Public Outreach, Maintenance, IDDE, and Post Construction elements in support of the Truckee Meadows Storm Water Program.
- (i) Update on corrections made to the LID Design Guidance Worksheets.
- C.2** Update on Nevada Division of Environmental Protection's activities regarding federal, state, and local matters.
- C.3** Update on Nevada Department of Transportation activities regarding MS4 activities.
- C.4** Updates on grants and funding opportunities and projects, public presentations, volunteer opportunities and events, trainings, workshops, and conferences.
- (i) City of Reno will represent SWPCC by participating and presenting in the following education programs:
- Great Basin Outdoor School – Adventure Day Camp
- D.** Discussion and possible direction on setting the next regular meeting for July 22, 2022 at 9:15 a.m. (For Possible Action).
- E. Public Comment** - This is for general public comment limited to items that do not appear on the agenda and is limited to no more than three (3) minutes for each commentator.
- F. Adjournment** (For Possible Action)

MEETING MINUTES
TRUCKEE MEADOWS STORMWATER PERMIT
COORDINATING COMMITTEE

Thursday, May 26, 2022

The regular meeting of the Truckee Meadows Stormwater Permit Coordinating Committee (SWPCC) was held virtually and in person in the City Hall 7th Floor Conference Room at 1 East First Street, Reno, Nevada, and conducted the following business:

A. Introductory Items

A.1 Call to Order/Roll Call

The meeting was called to order by Chair Porter at 9:15 a.m. and a quorum was present.

Members Present: Jennifer Heeran; Theresa Jones, SWPCC Coordinator; James Pehrson; Kevin Porter, Chair; Walter West

Members Absent: Cody McDougall

Staff and Guests Present: Susan Ball Rothe, Legal Counsel; Daniel Moss, City of Reno Project Coordinator; Alex Mayorga, Washoe County; Chantel Dominguez, Truckee Meadows Parks Foundation; Sarah Stolte, NCE; Debra Lemke, NCE; Mitch Cowles, NDEP

A.2 Public Comment

None

A.3 Approval of Agenda (For Possible Action) - May 26, 2022

MEMBER WEST MADE A MOTION TO APPROVE THE AGENDA, SECONDED BY MEMBER HEERAN. THE MOTION CARRIED UNANIMOUSLY WITH FIVE (5) MEMBERS PRESENT.

A.4 Approval of the Minutes (For Possible Action) - March 24, 2022

MEMBER WEST MADE A MOTION TO APPROVE THE MINUTES, SECONDED BY COORDINATOR JONES. THE MOTION CARRIED UNANIMOUSLY WITH FIVE (5) MEMBERS PRESENT.

B. Business Items

B.1 Review and possible approval for payment of below invoices. The City will pay the invoices and seek 75% reimbursement from the Water Management Fund from the Western Regional Water Commission and 25% reimbursement from the Nevada Department of Transportation per the Interlocal Agreements. (For Possible Action)

- (i) Balance Invoice #213136-0322, dated March 29, 2022, in the amount of \$12,672.62 related to Stormwater Monitoring for FY21/22
- (ii) Balance Invoice #213136-0422, dated May 4, 2022, in the amount of \$22,337.90 related to Stormwater Monitoring for FY21/22

- (iii) NCE Invoice #167252503, dated March 29, 2022, in the amount of \$3,232.50 related to Watershed Assessments to Tributaries to the Truckee River
- (iv) NCE Invoice #167252504, dated April 28, 2022, in the amount of \$3,855.18 related to Watershed Assessments to Tributaries to the Truckee River
- (v) USGS Invoice #90975422, dated April 19, 2022, in the amount of \$3,234.00 related to Stormwater Monitoring for FY21/22
- (vi) NDEP Invoice #6265, dated April 22, 2022, in the amount of \$1,276.00 for Annual Review and Services Fees for Permit NVS000001

MEMBER WEST MADE A MOTION TO APPROVE, SECONDED BY MEMBER HEERAN. THE MOTION CARRIED UNANIMOUSLY WITH FIVE (5) MEMBERS PRESENT.

B.2 Review and possible approval for payment of below invoices and receipts. The City will seek reimbursement from the Water Management Fund from the Western Regional Water Commission per the Interlocal Agreement. (For Possible Action)

- (i) Mercury Momentum Invoice, dated April 18, 2022, in the amount of \$130.00 for booth registration for the April 24, 2022 Earth Day event
- (ii) Amazon.com Invoice #111-0409481-9074656, dated May 4, 2022, in the amount of \$15.84 for shade canopy tent weights

COORDINATOR JONES MADE A MOTION TO APPROVE, SECONDED BY MEMBER WEST. THE MOTION CARRIED UNANIMOUSLY WITH FIVE (5) MEMBERS PRESENT.

B.3 Review, discussion and possible approval of the purchase of 150,000 dog waste bags (25 cases) for the Truckee Meadows Parks Foundation, for FY21/22, in the amount of \$3,450.00. (For Possible Action)

Chantel Dominguez, Truckee Meadows Parks Foundation, gave a presentation on the Doggie Ambassador Stations and the request for funds to purchase dog waste bags.

Coordinator Jones expressed support for the program and stated we do have money in the budget to support this. It is also counted as public outreach in our Annual Report to NDEP.

MEMBER WEST MADE A MOTION TO APPROVE, SECONDED BY COORDINATOR JONES. THE MOTION CARRIED UNANIMOUSLY WITH FIVE (5) MEMBERS PRESENT.

B.4 Review of 3rd Quarter SWPCC Budget (January through March)

Coordinator Jones gave a presentation on the 3rd Quarter SWPCC Budget.

B.5 Review, discussion and possible approval of the Truckee Meadows Regional Planning Agency (TMRPA) proposed plan for migration and maintenance of Truckee River Info Gateway (TRIG) website and its content and possible direction for the creation of a Memorandum of Understanding. (For Possible Action)

Daniel Moss, City of Reno Project Coordinator, presented a letter from the Truckee Meadows Regional Planning Agency (TMRPA) outlining a proposal to migrate Truckee River Information Gateway (TRIG) website content to the TMRPA Natural Resources Data Portal. Mr. Moss stated that the TMRPA has a very professional and straightforward method of presenting this information on their website keeping all of the information that is currently there. There is also an option to parse out information that is no longer relevant or is outdated and replaced by newer reports. Mr. Moss stated he is looking for approval to move this forward and begin further discussions and planning with TMRPA for this migration process.

Member West noted that reports that may be outdated could still have a purpose for historical context and stated he is not opposed to just migrating all of the information over.

Coordinator Jones agreed with Member West.

Chair Porter also agreed but noted there may be some things that are just obsolete. He suggested to Mr. Moss that he contact Casey Mentzer at TMWRF if he is looking for input on what data should be transferred.

Mr. Moss summarized the discussion as direction to keep as much data as possible, remove anything that is redundant, and give it to TMRPA to host on their website.

CHAIR PORTER MADE A MOTION TO DIRECT RENO STAFF TO WORK WITH TMPRA TO PURSUE A PROPOSAL IN LINE WITH THE DATA TRANSFER AND DATA STORAGE ITEMS DISCUSSED WITH THE UNDERSTANDING THAT WE WOULD PURSUE AN MOU ULTIMATELY DRAFTED BY SUSAN BALL ROTHE, SECONDED BY COORDINATOR JONES. THE MOTION CARRIED UNANIMOUSLY WITH FIVE (5) MEMBERS PRESENT.

C. Standing Agenda Items (Not For Action)

C.1 Stormwater Management Program activities including but not limited to Construction, Industrial, Monitoring, Public Outreach, Maintenance, IDDE, and Post Construction elements in support of the Truckee Meadows Stormwater Program.

- (i) Update from Debra Lemke, NCE regarding FY2122 Tributary Assessments

Sarah Stolte, NCE, reported that after the data has been gathered they are looking at the data trying to figure out the best path forward in putting together the watershed assessment memos. They are hoping to provide an example of the memos and receive feedback on June 10.

Coordinator Jones stated we were hoping this would be completed by the end of this fiscal year but it can't be so there will be additional funds expended for this effort in the next fiscal year.

- (ii) Updates to FY2021 Annual Report, incorporation of comments from the Nevada Division of Environmental Protection

Coordinator Jones provided a brief report on NDEP's comments on the Annual Report.

- (iii) Update of Construction Manual in anticipation of the new NVR100000 permit

Coordinator Jones reported this update will likely be started late in fiscal year 2023 or in fiscal year 2024.

C.2 Update on Nevada Division of Environmental Protection's (NDEP) activities regarding federal, state, and local matters.

- (i) Partial Audit of City of Reno's Construction and Public Outreach programs

Mitch Cowles, NDEP, reported on their comments on the Annual Report and he provided updates on enforcement cases. Enforcement is on the rise in the region. The mining stormwater permit is going to go out to stakeholders pretty soon. Let him know if you want to be added to the stakeholder list for that.

C.3 Update on Nevada Department of Transportation (NDOT) activities regarding MS4 activities.

- (i) New 4-year agreement with NDOT for \$256,000

Coordinator Jones reported that we have a new draft agreement with NDOT and she thanked NDOT for all of their assistance.

C.4 Updates on grants and funding opportunities and projects, public presentations, volunteer opportunities and events, trainings, workshops, and conferences.

- (i) City of Reno to represent SWPCC by participating and presenting in the following education programs:

- KTMB's Great Community Cleanup: Stenciling
- TMWA's Smart About Water Day
- Presentation to Nevada Real Estate Division: CIC Stormwater Management In The Truckee Meadows

Mr. Moss reported that he led a group of 9 volunteers for the Great Community Cleanup and they stenciled 128 storm drains. It was a little smaller than normal due to some issues with sign ups.

The Smart About Water Day was Saturday, May 7 and Mr. Moss spoke to and gave out documents to at least 25 individuals.

There were 14 participants for the first HOA specific stormwater presentation on stormwater awareness. The participants were HOA community managers.

- (ii) City of Reno to represent SWPCC by presenting in the following upcoming education programs:

- 22nd Annual Snapshot Day

Mr. Moss reported that the Snapshot Day is a day when dozens of citizens go out with team leaders to take water samples of the Truckee River. This was postponed to June 11.

- (iii) Nevada LTAP Training - Keeping Your Agency (and You!) Out of Court - June 8, 2022

Mr. Moss reported the LTAP Training has been postponed to November due to a lack of attendants.

- (iv) NDEP's 319(h) Nonpoint Source Grant Program – Applications due in July/August

Mr. Moss reported that applications are due in July or August depending on when EPA secures their funding.

Chair Porter reported that Sparks held a first annual community event day on April 30 for the citizens to come out and get an idea what the different departments do in the city. There handed out a full box of the Truckee River Watershed Maps and they were very well received.

D. Discussion and possible direction on setting the next regular meeting for June 23, 2022 at 9:15 a.m. (For Possible Action)

The next regular meeting date will be June 23, 2022 at 9:15 a.m.

E. Public Comment

Member West introduced Alex Mayorga, a new engineer with Washoe County, as his replacement on the SWPCC.

F. Adjournment (For Possible Action)

The meeting was adjourned at 10:13 a.m.

Respectfully submitted by,
Christine Birmingham, Recording Secretary



**Balance
Hydrologics, Inc.**®

Approved for payment upon
approval by SWPCC on 06/23/22

800 Bancroft Way • Suite 101 • Berkeley, CA 94710 • (510) 704-1000
www.balancehydro.com • email: office@balancehydro.com

Theresa Jones

Invoice

Theresa Jones
City of Reno
1 East First Street
7th Floor
Reno, NV 89501

Terms: Due Upon Receipt

Invoice #	Date	Amount Due
213136-0522	06/09/22	\$ 13,957.84

Project Manager: Benjamin Trustman
Project Number: 213136:Ph8
Job Description: City of Reno Stormwater
Billing Through: 05/28/22
Contract/PO#:

SUMMARY OF CHARGES	Amount
Contingency	\$5,667.50
Expenses	\$8,290.34
Amount Due This Invoice:	\$13,957.84

All tasks billed to Contingency authorized by Theresa Jones, City of Reno, via email 6/7/22

Task 2. Stormwater Sampling

- 1) Review analytical results
- 2) Analytical data updates
- 3) Obs Logs update

Task 4 Streamflow gaging

- 1) Flowsheet calculations and QA/QC
- 2) photo and data transfer
- 3) Observation logs update
- 4) Update Boynton Slough Data
- 5) Field visit for flow measurements and downloads

Task 6 Project management and correspondence

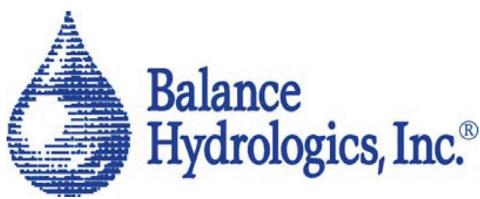
- 1) Project management and invoicing

Expenses: analytical costs for storm samples, annual equipment charges, AT&T for Arlington, field supplies for storm sampling

BREAKDOWN OF TIME CHARGES	Rate	Hours	Amount
Contingency			
Project Professional	\$180.00	0.75	\$135.00
Senior Staff Professional	\$165.00	24.50	\$4,042.50
Staff Professional	\$140.00	9.75	\$1,365.00
Senior Project Administrator	\$125.00	1.00	\$125.00
			\$5,667.50
Total Time Charges:			\$5,667.50

PLEASE REMIT TO THE BERKELEY ADDRESS ABOVE

Questions regarding progress of work may be directed to the Project Manager (name above). Questions regarding billing, payment and certificates of insurance should be directed to Rachel Boitano @ (510) 704-1000 x245.



800 Bancroft Way • Suite 101 • Berkeley, CA 94710 • (510) 704-1000
www.balancehydro.com • email: office@balancehydro.com

Invoice

Theresa Jones
City of Reno
1 East First Street
7th Floor
Reno, NV 89501

Terms: Due Upon Receipt

Invoice #	Date	Amount Due
213136-0522	06/09/22	\$ 13,957.84

Project Manager: Benjamin Trustman

Project Number: 213136:Ph8

Job Description: City of Reno Stormwater

Billing Through: 05/28/22

Contract/PO#:

BREAKDOWN OF EXPENSES	Quantity	Rate	Amount
Field Equipment Rental	1.00	\$1,250.00	\$1,250.00
Field Phone	2.00	\$13.76	\$27.52
Field Supplies	2.00	\$9.84	\$19.68
Laboratories	3.00	\$2,307.58	\$6,922.74
Mileage Reimbursement - Truck	110.00	\$0.640	\$70.40
Total Expenses:			\$8,290.34

PLEASE REMIT TO THE BERKELEY ADDRESS ABOVE

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Truckee Meadows Stormwater Monitoring
 City of Reno
 Balance Project # 213136 PH8

Tasks & Allocation of Budget

Task	\$ Allocated	\$ amt	Previous	This Invoice	Total Expended		Budget Remaining	
			Expenditures	(#213136-0522)	\$ amt	% Budget	\$ amt	%
01 Data Analysis and Annual Report (FY2021)	\$48,490.00	\$69,590.00			\$69,590.00	144%	-\$21,100.00	-44%
02 Stormwater Sampling (outfalls and tributaries)	\$47,520.00	\$37,386.25			\$37,386.25	79%	\$10,133.75	21%
03 Tributary Ambient Sampling (2x)	\$10,400.00	\$7,401.25			\$7,401.25	71%	\$2,998.75	29%
04 Streamflow Gaging (4 gages)	\$21,440.00	\$15,866.25			\$15,866.25	74%	\$5,573.75	26%
05 Committee Meetings and Presentations	\$9,480.00	\$6,858.75			\$6,858.75	72%	\$2,621.25	28%
06 Project Management and Correspondence	\$6,020.00	\$6,302.50			\$6,302.50	105%	-\$282.50	-5%
Total Labor	\$143,350.00		\$0.00	\$143,405.00	100%		-\$55.00	0%
Direct Costs	\$3,786.00	\$2,687.54	\$1,367.60	\$4,055.14	107%		-\$269.14	-7%
Analytical Costs	\$23,550.00	\$17,999.74	\$6,922.74	\$24,922.48	106%		-\$1,372.48	-6%
Contingency	\$11,468.00		\$5,667.50	\$5,667.50	49%		\$5,800.50	51%
			\$20,687.28	\$13,957.84	\$178,050.12	98%		
Total Allocated (including contingency)	\$182,154.00							
Total Expended (including current invoice)	\$178,050.12							
Total remaining	\$4,103.88							

Welcome to Howards Chevron

HOWARD'S CHEVRON
2799 E. 4TH STREET
RENO NV
00091464

04/15/2022 1:10:06 PM
Register: 1 Trans #: 6417 Op ID: 1
Your cashier: CHRTS

Credit \$8.00
XXXXXXXXXX2211 VISA
INVOICE: E/6431818
AUTH 00836C

SALE TRANSACTION
Chip Read
CHASE VISA
Mode: Issuer
AID: A0000000031010
TVR: 0880008000
IAD: 06021203A02000
TSI: E800
ARC: 00

Get rewarded on
every fill-up at
Chevron with a
Techron Advantage
card. See app
for details.

I agree to pay the above total amount according to card issuer agreement.

Thank you for the business

Customer Copy



11411 DEERFIELD DR
TRUCKEE, CA 96161
630.587.5775

REG#17 TRN#8182 CSHR#0000097 STR#9174

1	20 POUND BAG ICE	20LB	5.64B
1	GE DISTILLED WTR	128Z	1.79F
1	BOTTLE DEPOSIT		.10F
1	GE DISTILLED WTR	128Z	1.79F
1	BOTTLE DEPOSIT		.10F

5 ITEMS Survey ID #
3193 5596 7050 361 46

SUBTOTAL	9.42
CA 8.25% TAX	.47
TOTAL	9.89
CHARGE	9.89
*****2211	RF
CHASE VISA	*****2211
APPROVED# 07698C	REF# 171822
TRAN TYPE: SALE	AID: A0000000031010
TC: BE8E86C01CBA4933	TERMINAL# 69059334
NO SIGNATURE REQUIRED	CVM: 1F0000
TVR(95): 0000000000	TSI(9B): 0000

A standard linear barcode is located at the bottom of the page, spanning most of the width.

3509 1742 1068 1821 75
Returns with receipt, subject to
CVS Return Policy, thru 06/15/2022
Refund amount is based on price
after all coupons and discounts.

APRIL 16, 2022



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Service activity

Wireless

Number	User	Page	Monthly charges		Company fees & surcharges	Government fees & taxes	Total
			Plan	Add-ons			
510.220.5623	214215 SEARSVILLE	3	\$5.00	\$3.00	\$1.51	-	\$9.51
510.289.3834	214215 SFGS	4	\$5.00	\$6.00	\$1.51	-	\$12.51
510.289.4847	217142 VALDEZ	4	\$5.00	-	\$1.51	-	\$6.51
510.316.3434	217142 PATTERSON PASS	4	\$5.00	-	\$1.51	-	\$6.51
510.325.2293	217142 DEL VALLE WTP	4	\$10.00	-	\$1.51	\$0.30	\$11.81
510.325.6971	217142 HERB MAINTENANCE	5	\$5.00	-	\$1.51	-	\$6.51
510.326.0402	221057 DCBC	5	\$5.00	\$6.00	\$1.51	-	\$12.51
510.326.2297	217142 UPPER CROW CYN	5	\$5.00	-	\$1.51	-	\$6.51
510.326.2538	217142 SPARE	6	\$5.00	-	\$1.51	-	\$6.51
510.384.2465	217142 LOWER TEMESCAL	6	\$5.00	\$3.00	\$1.51	-	\$9.51
510.384.2808	218077 NB	6	\$10.00	\$3.00	\$1.51	-	\$14.51
510.387.2921	213136 RENO	6	\$5.00	\$6.00	\$1.51	-	\$12.51
510.388.7777	217142 ALTAMONT	7	\$5.00	-	\$1.51	-	\$6.51
510.409.8364	217142 FOLSOM	7	\$5.00	-	\$1.51	-	\$6.51
510.409.8394	217142 AUTO AUCTION	7	\$5.00	-	\$1.51	-	\$6.51
510.424.2766	217142 SAN LEANDRO	7	\$5.00	\$3.00	\$1.51	-	\$9.51
510.499.0596	221057 SVAE	8	\$5.00	\$6.00	\$1.51	-	\$12.51
510.501.3119	217142 LAB TESTING	8	\$20.00	-	\$1.51	-	\$21.51
510.502.1373	TEST DEVICE	8	\$10.00	-	\$1.51	-	\$11.51
510.508.0469	217142 TEST	9	\$5.00	-	\$1.51	-	\$6.51
510.590.2188	98013 HMR	9	\$5.00	\$6.00	\$1.51	-	\$12.51
510.590.2852	221057 DCAD	9	\$5.00	\$3.00	\$1.51	-	\$9.51
510.604.8371	221057 SVCA	9	\$5.00	\$6.00	\$1.51	-	\$12.51
510.604.9134	NB 211131 SHELLRD	10	\$5.00	\$3.00	\$1.51	-	\$9.51
510.813.1933	98013 HMR	10	\$20.00	-	\$1.51	-	\$21.51
510.813.4750	216070 MARIN CC	11	\$5.00	\$3.00	\$1.51	-	\$9.51
Total			\$175.00	\$57.00	\$39.26	\$0.30	\$271.56

Wireless continues...



Page: 2 of 11
Issue Date: May 12, 2022
Account Number: 995679142
Foundation Account: 02637349
Invoice: 995679142X05202022

Service activity

Wireless

Number	User	Page	Activity since last bill	Monthly charges	Company fees & surcharges	Government fees & taxes	Total		
				Plan	Add-ons				
510.220.5623	214215 SEARSVILLE	3	-	\$5.00	\$3.00	\$1.51	-\$	\$9.51	
510.289.3834	214215 SFGS	4	-	\$5.00	\$6.00	\$1.51	-\$	\$12.51	
510.289.4847	217142 VALDEZ	4	-	\$5.00	-\$	\$1.51	-\$	\$6.51	
510.316.3434	217142 PATTERSON PASS	4	-	\$5.00	-\$	\$1.51	-\$	\$6.51	
510.325.2293	217142 DEL VALLE WTP	4	-	\$10.00	-\$	\$1.51	\$0.30	\$11.81	
510.325.6971	217142 HERB MAINTEN...	5	-	\$5.00	-\$	\$1.51	-\$	\$6.51	
510.326.0402	221057 DCBC	5	-	\$5.00	\$6.00	\$1.51	-\$	\$12.51	
510.326.2297	217142 UPPER CROW CYN	5	-	\$5.00	-\$	\$1.51	-\$	\$6.51	
510.326.2538	217142 SPARE	6	-	\$5.00	-\$	\$1.51	-\$	\$6.51	
510.384.2465	217142 LOWER TEMESCAL	6	-	\$5.00	\$3.00	\$1.51	-\$	\$9.51	
510.384.2808	218077 NB	6	-	\$10.00	\$3.00	\$1.51	-\$	\$14.51	
510.387.2921	213136 RENO	6	-\$	\$5.00	\$6.00	\$1.51	-\$	\$12.51	
510.388.7777	217142 ALTAMONT	7	\$3.83	-\$	-\$	-\$	-\$	\$3.83	
510.409.8364	217142 FOLSOM	7	-	\$5.00	-\$	\$1.51	-\$	\$6.51	
510.409.8394	217142 AUTO AUCTION	7	-	\$5.00	-\$	\$1.51	-\$	\$6.51	
510.424.2766	217142 SAN LEANDRO	7	\$7.00	-\$	-\$	-\$	-\$	\$7.00	
510.499.0596	221057 SVAE	8	-	\$5.00	\$6.00	\$1.51	-\$	\$12.51	
510.501.3119	217142 LAB TESTING	8	-	\$20.00	-\$	\$1.51	-\$	\$21.51	
510.502.1373	TEST DEVICE	8	-	\$10.00	-\$	\$1.51	-\$	\$11.51	
510.508.0469	217142 TEST	9	-	\$5.00	-\$	\$1.51	-\$	\$6.51	
510.590.2188	98013 HMR	9	-	\$5.00	\$6.00	\$1.51	-\$	\$12.51	
510.590.2852	221057 DCAD	9	-	\$5.00	\$3.00	\$1.51	-\$	\$9.51	
510.604.8371	221057 SVCA	9	-	\$5.00	\$6.00	\$1.51	-\$	\$12.51	
510.604.9134	NB 211131 SHELLRD	10	-	\$5.00	\$3.00	\$1.51	-\$	\$9.51	
510.813.1933	98013 HMR	10	-	\$20.00	-\$	\$1.51	-\$	\$21.51	
510.813.4750	216070 MARIN CC	11	-	\$5.00	\$3.00	\$1.51	-\$	\$9.51	
Total				\$10.83	\$165.00	\$54.00	\$36.24	\$0.30	\$266.37

Wireless continues...

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INVOICE # 22040624**DATE** 05/16/2022**DUE DATE** 06/15/2022**TERMS** Net 30**P.O. NUMBER**

213136

ITEM	QTY	RATE	AMOUNT
==SampleNumber==	0	0.00	0.00
22040624-001 / CSID: AC@TR / Received: 04/21/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
QUANT	1	49.00	49.00
QUANT TRAY			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS Set	1	0.00	0.00
TSS Set			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
==SampleNumber==	0	0.00	0.00
22040624-002 / CSID: EC@KL / Received: 04/21/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
QUANT	1	49.00	49.00
QUANT TRAY			

ITEM	QTY	RATE	AMOUNT
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS Set	1	0.00	0.00
TSS Set			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
==SampleNumber==	0	0.00	0.00
22040624-003 / CSID: TC@SMP / Received: 04/21/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS Set	1	0.00	0.00
TSS Set			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
==SampleNumber==	0	0.00	0.00
22040624-004 / CSID: SBC@NAR / Received: 04/21/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS Set	1	0.00	0.00

ITEM	QTY	RATE	AMOUNT
TSS Set			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
==SampleNumber==	0	0.00	0.00
22040624-005 / CSID: SBC@RHR / Received: 04/21/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
QUANT	1	49.00	49.00
QUANT TRAY			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS Set	1	0.00	0.00
TSS Set			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
==SampleNumber==	0	0.00	0.00
22040624-006 / CSID: WC@OVH / Received: 04/21/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
QUANT	1	49.00	49.00
QUANT TRAY			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS Set	1	0.00	0.00
TSS Set			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			

ITEM	QTY	RATE	AMOUNT
Admin Fee	1	25.00	25.00
Admin Fee			
SUBTOTAL			1,811.00
DISCOUNT			-178.60
TOTAL			1,632.40
BALANCE DUE			\$1,632.40

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 Berkeley, CA 94710

INVOICE # 22040679**DATE** 05/24/2022**DUE DATE** 06/23/2022**TERMS** Net 30**P.O. NUMBER**

213136

ITEM	QTY	RATE	AMOUNT
==SampleNumber==	0	0.00	0.00
22040679-001 / CSID: D-16 (1) / Received: 04/21/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
==SampleNumber==	0	0.00	0.00
22040679-002 / CSID: D-16 (2) / Received: 04/21/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			

ITEM	QTY	RATE	AMOUNT
T-P TOTAL PHOSPHORUS	1	32.00	32.00
TSS_mu07 TSS_mu07	1	24.00	24.00
TURB TURBIDITY	1	24.00	24.00
==SampleNumber== 22040679-003 / CSID: D-16 (3) / Received: 04/21/2022	0	0.00	0.00
NO3+NO2_lachat (LOW) NO3+NO2_lachat (LOW)	1	54.00	54.00
O-P ORTHO PHOSPHORUS	1	30.00	30.00
TDS with Prep TDS with Prep	1	24.00	24.00
TKN_Low TKN_Low	1	77.00	77.00
T-N_low T-N_low	1	0.00	0.00
T-P TOTAL PHOSPHORUS	1	32.00	32.00
TSS_mu07 TSS_mu07	1	24.00	24.00
TURB TURBIDITY	1	24.00	24.00
==SampleNumber== 22040679-004 / CSID: D-16 (4) / Received: 04/21/2022	0	0.00	0.00
NO3+NO2_lachat (LOW) NO3+NO2_lachat (LOW)	1	54.00	54.00
O-P ORTHO PHOSPHORUS	1	30.00	30.00
TDS with Prep TDS with Prep	1	24.00	24.00
TKN_Low TKN_Low	1	77.00	77.00
T-N_low T-N_low	1	0.00	0.00
T-P TOTAL PHOSPHORUS	1	32.00	32.00
TSS_mu07 TSS_mu07	1	24.00	24.00
TURB TURBIDITY	1	24.00	24.00
==SampleNumber== 22040679-005 / CSID: H-19 (1) / Received: 04/21/2022	0	0.00	0.00
NO3+NO2_lachat (LOW) NO3+NO2_lachat (LOW)	1	54.00	54.00
O-P ORTHO PHOSPHORUS	1	30.00	30.00
TDS with Prep	1	24.00	24.00

ITEM	QTY	RATE	AMOUNT
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
--SampleNumber--	0	0.00	0.00
22040679-006 / CSID: H-19 (2) / Received: 04/21/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
--SampleNumber--	0	0.00	0.00
22040679-007 / CSID: H-19 (3) / Received: 04/21/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
--SampleNumber--	0	0.00	0.00
22040679-008 / CSID: H-19 (4) / Received: 04/21/2022			

ITEM	QTY	RATE	AMOUNT
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
==SampleNumber==	0	0.00	0.00
22040679-009 / CSID: NTD @ BFD (1) / Received: 04/21/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
==SampleNumber==	0	0.00	0.00
22040679-010 / CSID: NTD @ BFD (2) / Received: 04/21/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS_mu07	1	24.00	24.00

ITEM	QTY	RATE	AMOUNT
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
--SampleNumber==	0	0.00	0.00
22040679-011 / CSID: NTD @ BFD (3) / Received: 04/21/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
--SampleNumber==	0	0.00	0.00
22040679-012 / CSID: NTD @ BFD (4) / Received: 04/21/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
Admin Fee	1	25.00	25.00
Admin Fee			

BALANCE DUE

\$3,205.00

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 Berkeley, CA 94710

INVOICE # 22040688**DATE** 05/16/2022**DUE DATE** 06/15/2022**TERMS** Net 30**P.O. NUMBER**

213136

ITEM	QTY	RATE	AMOUNT
==SampleNumber==	0	0.00	0.00
22040688-001 / CSID: YD@SBC (3) / Received: 04/22/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
==SampleNumber==	0	0.00	0.00
22040688-002 / CSID: YD@SBC (4) / Received: 04/22/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			

ITEM	QTY	RATE	AMOUNT
T-P TOTAL PHOSPHORUS	1	32.00	32.00
TSS_mu07 TSS_mu07	1	24.00	24.00
TURB TURBIDITY	1	24.00	24.00
==SampleNumber== 22040688-003 / CSID: SBC@CWW (1) / Received: 04/22/2022	0	0.00	0.00
NO3+NO2_lachat (LOW) NO3+NO2_lachat (LOW)	1	54.00	54.00
O-P ORTHO PHOSPHORUS	1	30.00	30.00
TDS with Prep TDS with Prep	1	24.00	24.00
TKN_Low TKN_Low	1	77.00	77.00
T-N_low T-N_low	1	0.00	0.00
T-P TOTAL PHOSPHORUS	1	32.00	32.00
TSS_mu07 TSS_mu07	1	24.00	24.00
TURB TURBIDITY	1	24.00	24.00
==SampleNumber== 22040688-004 / CSID: SBC@CWW (2) / Received: 04/22/2022	0	0.00	0.00
NO3+NO2_lachat (LOW) NO3+NO2_lachat (LOW)	1	54.00	54.00
O-P ORTHO PHOSPHORUS	1	30.00	30.00
TDS with Prep TDS with Prep	1	24.00	24.00
TKN_Low TKN_Low	1	77.00	77.00
T-N_low T-N_low	1	0.00	0.00
T-P TOTAL PHOSPHORUS	1	32.00	32.00
TSS_mu07 TSS_mu07	1	24.00	24.00
TURB TURBIDITY	1	24.00	24.00
==SampleNumber== 22040688-005 / CSID: SBC@CWW (3) / Received: 04/22/2022	0	0.00	0.00
NO3+NO2_lachat (LOW) NO3+NO2_lachat (LOW)	1	54.00	54.00
O-P ORTHO PHOSPHORUS	1	30.00	30.00
TDS with Prep	1	24.00	24.00

ITEM	QTY	RATE	AMOUNT
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
--SampleNumber--	0	0.00	0.00
22040688-006 / CSID: SBC@CWW (4) / Received: 04/22/2022			
NO3+NO2_lachat (LOW)	1	54.00	54.00
NO3+NO2_lachat (LOW)			
O-P	1	30.00	30.00
ORTHO PHOSPHORUS			
TDS with Prep	1	24.00	24.00
TDS with Prep			
TKN_Low	1	77.00	77.00
TKN_Low			
T-N_low	1	0.00	0.00
T-N_low			
T-P	1	32.00	32.00
TOTAL PHOSPHORUS			
TSS_mu07	1	24.00	24.00
TSS_mu07			
TURB	1	24.00	24.00
TURBIDITY			
Admin Fee	1	25.00	25.00
Admin Fee			

SUBTOTAL	1,615.00
DISCOUNT	-159.00
TOTAL	1,456.00
BALANCE DUE	\$1,456.00



Collaboration. Commitment. Confidence.SM

Nichols Consulting Engineers, CHTD
1885 S. Arlington Ave.
Suite 111
Reno, NV 89509
(775) 329-4955

Approved for payment upon
approval by SWPCC on 06/23/22

City of Reno
Theresa Jones
P.O. Box 1900
Reno, NV 89505

Invoice number 167252505
Date 06/03/2022

Project 167.25.25 City of Reno - Watershed
Assessments 2021 Technical
Memorandums

Professional Services Rendered through May 20, 2022

Truckee Meadows Regional Storm Water Quality Program for
Watershed Assessments of Tributaries to the Truckee River

During this billing period, NCE worked on processing field data, began GIS mapping, and started preparing the Chalk Creek technical memorandum. NCE also responded to Ms. Herran's request for 319(h) funding information.

1 PROJECT MANAGEMENT AND MEETINGS

Professional Fees

	Hours	Rate	Billed Amount
Staff Scientist	1.25	145.00	181.25
Project Administrator	0.50	110.00	55.00
Professional Fees subtotal	1.75		236.25
Phase subtotal			236.25

3 SIX PROPOSED PROJECT WATERSHED ASSESSMENT TECHNICAL MEMOS

Professional Fees

	Hours	Rate	Billed Amount
Project Engineer	0.75	165.00	123.75
Staff Scientist	0.25	145.00	36.25
Professional Fees subtotal	1.00		160.00
Phase subtotal			160.00

4 CONTINGENCY

Professional Fees

	Hours	Rate	Billed Amount
Staff Scientist	0.50	145.00	72.50

2 CONDUCT THE PROJECT WATERSHED ASSESSMENT FIELD WORK

Professional Fees

	Hours	Rate	Billed Amount
Field Scientist	6.00	100.00	600.00

Conduct the Project Watershed Assessment Field Work subtotal

600.00

Invoice total

1,068.75**INVOICE SUMMARY**

Description	Contract Amount	Percent Complete	Previously Invoice Billed	Current Invoice	Total Amount Invoiced	Remaining Balance
1 Project Management and Meetings	3,815.00	81.23	2,862.50	236.25	3,098.75	716.25
2 Conduct the Project Watershed Assessment Field Work	19,845.00	41.25	7,585.18	600.00	8,185.18	11,659.82
3 Six Proposed Project Watershed Assessment Technical Memos	16,340.00	4.75	616.25	160.00	776.25	15,563.75
4 Contingency	5,000.00	1.45	0.00	72.50	72.50	4,927.50
Total	45,000.00	26.96	11,063.93	1,068.75	12,132.68	32,867.32

Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
167252503	03/29/2022	3,232.50			3,232.50		
167252504	04/28/2022	3,855.18		3,855.18			
167252505	06/03/2022	1,068.75	1,068.75				
	Total	8,156.43	1,068.75	3,855.18	3,232.50	0.00	0.00

Invoice Supporting Detail

167.25.25 City of Reno - Watershed Assessments 2021 Technical Memorandums

Conduct the Project Watershed Assessment Field Work 2B Field - Conduct Watershed Assessment

Phase Status: Active

Billing Cutoff: 05/20/2022

Date	Units	Rate	Amount
------	-------	------	--------

Labor WIP Status: Billable

Field Scientist

Scott B. Kobs

Direct Labor 05/09/2022 1.50 100.00 150.00

Field Notes / Draft Memo Review.

Direct Labor 05/13/2022 2.50 100.00 250.00

Completed typing up field notes. Started on GIS mapping and CIP project ideas/outlines.

Direct Labor 05/18/2022 2.00 100.00 200.00

Converted field maps to GIS database.

Subtotal	6.00	600.00
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Labor total	6.00	600.00
-------------	-------------	---------------

1 Project Management and Meetings

Phase Status: Active

Billing Cutoff: 05/20/2022

Date	Units	Rate	Amount
------	-------	------	--------

Labor WIP Status: Billable

Staff Scientist

Sarah R. Davenport

Direct Labor 04/21/2022 0.25 145.00 36.25

I reviewed the draft invoice and wrote a billing description.

Direct Labor 05/03/2022 0.50 145.00 72.50

Debra, Scott, and I had an internal meeting about the next steps and timeline.

Direct Labor 05/17/2022 0.50 145.00 72.50

I read through Scott's feedback in the draft memo, his field notes, and potential project ideas.

Subtotal	1.25	181.25
----------	-------------	---------------

Project Administrator

Theresa A. Buckingham

Direct Labor 04/28/2022 0.50 110.00 55.00

prepare draft invoice, revise invoice-move hrs to correct task, review, add billing description, finalize inv & send to client.

Subtotal	0.50	55.00
----------	-------------	--------------

Labor total	1.75	236.25
-------------	-------------	---------------

3 Six Proposed Project Watershed Assessment Technical Memos

Phase Status: Active

Billing Cutoff: 05/20/2022

Date	Units	Rate	Amount
------	-------	------	--------

Labor WIP Status: Billable

Project Engineer

Scott B. Kobs

Direct Labor 05/03/2022 0.75 165.00 123.75

Internal Coordination Meeting

Subtotal	0.75	123.75
----------	-------------	---------------

Invoice Supporting Detail

167.25.25 City of Reno - Watershed Assessments 2021 Technical Memorandums

3 Six Proposed Project Watershed Assessment Technical Memos

Phase Status: Active

Billing Cutoff: 05/20/2022

Date	Units	Rate	Amount
------	-------	------	--------

Labor WIP Status: Billable

Staff Scientist

Sarah R. Davenport

Direct Labor

04/26/2022 0.25 145.00 36.25

Debra and I discussed next steps and then I coordinated an internal NCE meeting.

Subtotal	0.25	36.25
Labor total	1.00	160.00

4 Contingency

Phase Status: Active

Billing Cutoff: 05/20/2022

Date	Units	Rate	Amount
------	-------	------	--------

Labor WIP Status: Billable

Staff Scientist

Sarah R. Davenport

Direct Labor 05/04/2022 0.50 145.00 72.50

I responded to Jen Heenan's email request to learn more about 319(h) funding and provided a link to the NDEP 319(h) website as well as two other documents.

Subtotal	0.50	72.50
Labor total	0.50	72.50

Invoice Summary

	Contract	Billed	%	Remaining	%
Labor	44,565.00	12,071.25	27	32,493.75	73
Expense	435.00	61.43	14	373.57	86
Consultant					
Total	45,000.00	12,132.68	27	32,867.32	73

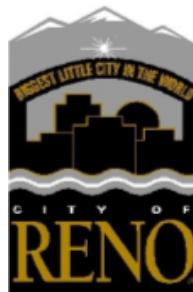
Ship To
P.O. Box 1900
1 East First Street
Eighth Floor
RENO, NV 89501

Bill To
P.O. Box 1900
1 East First Street
Ninth Floor
RENO, NV 89505

Purchase Order
No. 2022-00000855
DATE 06/08/2022

VENDOR NO. 6

Vendor
A-#1 CHEMICAL INC
PO BOX 671482
DALLAS, TX 75267-1482



PURCHASE ORDER NUMBER MUST APPEAR ON ALL INVOICES, SHIPPERS, BILL OF LADING AND CORRESPONDENCE

DELIVER BY
SHIP VIA
FREIGHT TERMS
PAGE 1 of 1
ORIGINATOR: Aufiero, Tara

REFERENCE #

QUANTITY	UNIT	DESCRIPTION	UNIT COST	TOTAL COST
24.0000	Each	ENVIRONMENTAL SERVICES/SUPPLIES - Dog Poop Bags for TMPF per 5/26/2022 SWPCC 40000-4000-4040-7300-0000 - Supplies 3,322.80 I700021-09000	138.4500	\$3,322.80
TOTAL DUE				\$3,322.80

Kerri W. Lanza

APPROVED BY/TITLE

RECEIVED BY

Special Instructions

Annual Report Effectiveness Assessment: SWPCC Discussion on Future Improvements

Summary:

In response to NDEP's comments on the FY20-21 Annual Report, SWPCC has prepared draft interim revisions for Effectiveness Assessment (considering the anticipated new NDEP MS4 Permit) including the following proposed changes:

1. Augment CASQA ranking system with more descriptive Future Improvement goals and associated priority ranking; and
2. Reconsider CASQA rankings and justification of those rankings for certain BMPs; and
3. Improve Effectiveness Assessment matrix format.

The attached packet contains the following documents for this discussion:

1. **Email from NDEP: Truckee Meadows Annual Report Comments/Questions**
 - Reference pg 2
2. **FY2021 Annual Report Effectiveness Assessment Summary**
 - Revised per NDEP comments - Note the 3rd paragraph, added to address NDEP's concerns
3. **Summary List of the revised BMP "Notes" (descriptions) for the FY2021 Effectiveness Assessment Matrix**
 - Revised to address NDEP's concerns
4. **Page 1 of the Effectiveness Assessment**
 - Refresher of the CASQA Ranking System
5. **Draft Proposed New Format of Effectiveness Assessment**
 - Note: Shows examples of format and content modifications, in comparison with Original Format
6. **Original Format of Effectiveness Assessment**
 - Note: IDDE matrix used, for reference



Daniel Moss <mossd@reno.gov>

Truckee Meadows Annual Report Comments/ Questions Meeting

Mitchell Cowles <mcowles@ndep.nv.gov>

Wed, Mar 30, 2022 at 4:09 PM

To: Theresa Jones <jonest@reno.gov>

Cc: Daniel Moss <mossd@reno.gov>, Andrew Dixon <andrew.dixon@ndep.nv.gov>

Hello Theresa,

Apologies for the delay. Here are the comments NDEP has for your team sorted by section in the report.

Public Outreach and Education: regarding canceled training and outreach opportunities

- As we discussed over the phone NDEP would like to be notified of these via email so we can work together on a solution or work around.
- The narrative portion of the report regarding the two canceled outreach opportunities (lack of sign-ups and covid-19) left a couple of questions that could be further explained or analyzed. For example, additional information analyzing how the canceled training was announced, or future improvements to avoid low attendance can be detailed for clarification purposes in future reports. V.C.3.B of the Truckee Meadows SWMP, and the Effectiveness Assessment of FY2021 identify that "this assessment is used to reflect on BMPs which may be removed or replaced and where improvements can be made in implementing the program." In future reports please include more descriptive narrative evaluations, where applicable, answering questions regarding the assessment and review process of the BMPs. These narrative evaluations would be useful for documenting goals that were failed to be met, or where uncontrollable circumstances caused these failures to occur.

Regarding Washoe County:

- Is it possible to track the number of Washoe County inspections that are occurring, even though the City of Sparks and the City of Reno are performing these inspections? If possible, can Truckee Meadows identify and submit an updated report for the numerical portion of the IDDE report to NDEP? If it is not possible, for future reports, can Truckee Meadows Stormwater Management Program identify and track these independently of the respective city inspections? Please let me know.
- The budget for Washoe County detailed in the annual report raises some questions that are not thoroughly described in the narrative of the report. When comparing the budget to the previous years, FY2019/2020, 2018/2019, and 2017/2018 from the previously submitted annual report, it appears that Washoe county has decreased the stormwater budget significantly. The itemized budget that is provided in the report does not detail why reductions have occurred. NDEP is concerned that with about a 40% budget decrease from the average over the listed reporting fiscal years that Washoe County may not have the appropriate funding necessary to properly run the program. Can you provide a narrative as to what caused the large decrease in, " Staff time spent on maintenance of drainage ways for the conveyance of stormwater costs" to NDEP?

A question and a possible suggestion that came up regarding the narrative portion of the IDDE:

- The City of Sparks mentioned that the fire staff, police, and dispatch are educated in stormwater drain systems and sanitary sewers. This was not described in the City of Reno's or Washoe County's portion. Does the City of Reno and Washoe County fire, police, etc, have training on this topic as well? Maybe a good training/ outreach opportunity in the future if not already trained.

CASQA Effectiveness Analysis

- As mentioned during the meeting, the CASQA scoring system does a good job of analyzing the results of measurable goals that are easily tracked. The CASQA analysis falls short, however, on goals that are not measurable or the more narrative goals like Post-1.3. NDEP recommends further narrative descriptions be provided in future reports in addition to the scoring system for goals that are not trackable.
- NDEP further recommends that the scoring system be analyzed/ reviewed for improvements for clarity purposes. NDEP disagrees with the scoring of certain BMPs listed in the CASQA analysis, particularly when listing reasons as to why certain goals were not met in the notes section. Const-2.1 is one example of this. The analysis is intended to reflect on where improvements can be made in future reporting years. Scoring a "9" under the 1-9 scoring would indicate a perfect score, and therefore should be interpreted that no improvements can be made. However, this does not accurately reflect meeting the minimum or failing to meet the minimum requirements as determined by the SWMP and MS4 Permit. In future reports, NDEP requests that a more accurate score or more defined scoring system be implemented for the purpose of BMP effectiveness.

Lastly, NDEP is requesting that a meeting be scheduled with the City of Reno construction inspection staff to discuss inspection requirements and questions/ concerns that have come up over the last year. Please let me know a tentative date for this meeting. NDEP is looking at the weeks of April 24 - 28, or May 9 - 20. Please submit updated reports by April 27th, 2022, for the materials that can be obtained. If you need more time in submitting the information to me, just notify me via email and I will discuss a new deadline with you.

If you have any questions or need clarification please let me know,

Mitch Cowles

[Mitch Cowles, E.I.](#)

Staff I Associate Engineer
Stormwater, Bureau of Water Pollution Control
Nevada Division of Environmental Protection
Department of Conservation and Natural Resources
901 S. Stewart Street, Suite 4001
Carson City, NV 89701
mcowles@ndep.nv.gov
(O) 775-687-9569

From: Theresa Jones <jonest@reno.gov>

Sent: Monday, March 21, 2022 6:32 AM

[Quoted text hidden]

[Quoted text hidden]

Effectiveness Summary

Effectiveness Assessment FY2021

SWMP Effectiveness Evaluation

The Stormwater Permit Coordinating Committee (SWPCC) performs a program Effectiveness Assessment and BMP Effectiveness Assessment each year (Permit Section(s) Addressed: IV.A, V.C.3.B). This assessment is used to reflect on BMPs which may be removed or replaced and where improvements can be made in implementing the program.

In past years comments to the annual report from the Nevada Division of Environmental Protection (NDEP) have directed the SWPCC to evaluate the annual effectiveness assessment. The SWPCC evaluated the methodology of the California Stormwater Quality Association (CASQA) rank outcome evaluation and made modifications. The CASQA system effectively identified the target outcomes of each program Best Management Practice (BMP) but did not reflect the outcome. In FY1718 the SWPCC modified the ranking and has now categorized the BMPs to the CASQA outcome classification and implemented an implementation ranking to better describe the effectiveness of the SWMP. The goal of implementation ranking for BMPs is to reflect the level of engagement and assessment for possible improvement.

In FY2021, NDEP commented that the “CASQA analysis falls short, however, on goals that are not measurable or the more narrative goals,” and recommends that narrative descriptions are augmented for certain goals, as necessary. In addition, they recommended that “the [ranking] system be analyzed/reviewed for improvements for clarity purposes,” as well as to improve the accuracy of certain rankings. Accordingly, in FY2122 SWPCC will conduct an in-depth discussion and revision effort to the CASQA ranking system and descriptions, and reconsider past rankings. Notably, SWPCC will plan to update each BMP’s “Title or Measurable Goal”, after an updated MS4 Permit is issued.

SWMP Status of Achievement of Measurable Goals

SWMP activities listed in the following program effectiveness assessment are indicated as deadline or ongoing program activities by a clock or arrow symbol respectively. Those BMP activities with deadlines have been completed this permit cycle.

Items included this year:

- Short Term (FY2020-FY2021) Effectiveness Assessment

List of Revisions to BMPs - All Elements*

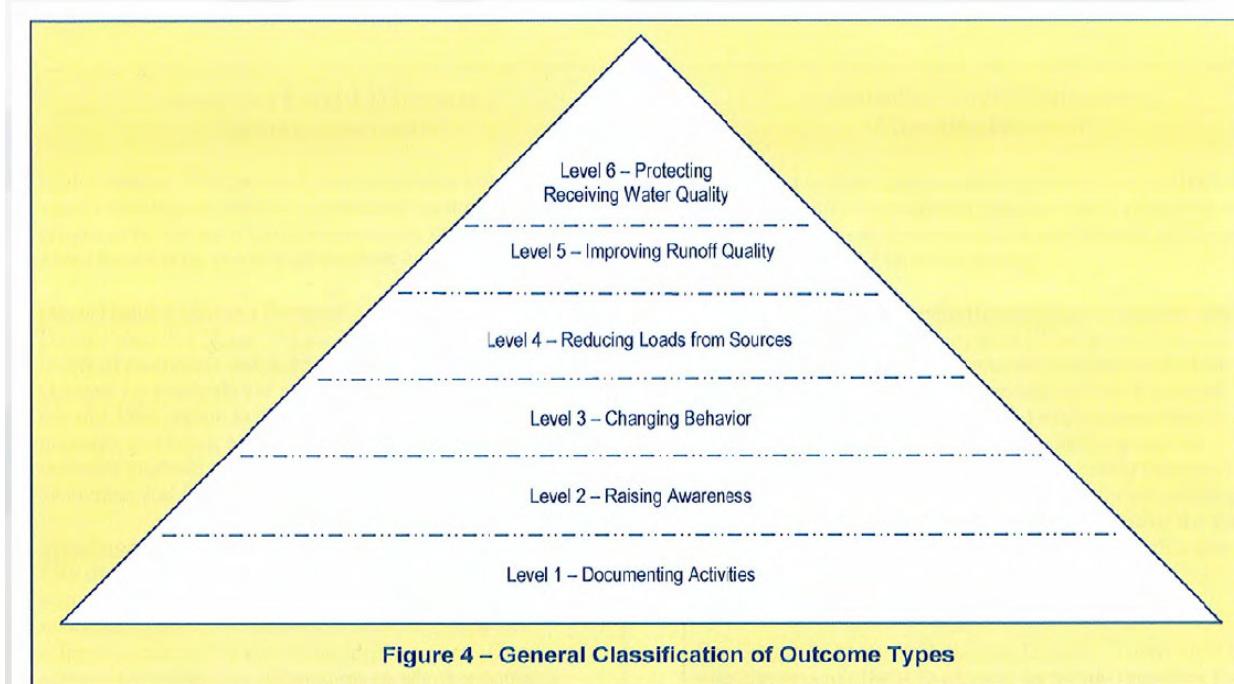
(*NOT for publication in FY2021 Annual Report)

BMP#	Title or Measurable Goal	Milestone or Accomplishment				Implementation Ranking:			
		2005 Permit Reference	CASQA BMP Classification	Ongoing or deadline	Notes	SPCC	COR	COS	Washeo
EDU-7.1	Maintain project descriptions and summaries / results on either www.tmsstormwater.com or www.truckeeriverinfo.org		2	↔	No recent demonstration projects have been implemented, to post online. Project updates will be added to website, as well as relevant links to City of Reno, Sparks, and Washoe County.	6			
CONST-2.1	Conduct at least two Construction Site Storm Water BMP Training Workshops each year		3	↔	Spring workshop (virtual) had 23 attendees. Fall 2020 workshop cancelled due to lack of signups (3 total), presumably due to Covid-19 pandemic. In lieu of workshop, all invitees (~107) were instead sent links to updated educational resources.	9			
CONST-2.3	Disseminate Nevada Construction BMP field guides to all attendees		3	↔	Training was conducted virtually, so all attendees received link to PDF version	9			
CONST - GENERAL	n/a				"completed" changed to "ongoing" for all relevant BMPs				
IDDE-4.1	Increase awareness among staff of the significance of sanitary/storm system interconnections and illicit discharges (100% of inspection staff trained)		4	↔	Ongoing. Agencies continue eliminating interconnections and continue IDDE inspections throughout the MS4. COR plans to also conduct trainings for fire staff, police, and dispatch, in upcoming FY.		9	8	
IDDE-5.1	Support local programs focused on educating residents about household products that are environmentally hazardous and the disposal alternatives available in the Truckee Meadows (distribute printed materials at one community event per year, minimum)		2	↔	Referral to KTMB.org on the TMStormwater.com website. Information also available on 2021 Prevent Local Stromwater Pollution pamphlet, distributed to community.	6			
IDDE-5.2	Promote, publicize or assist in existing community collection events		2	↔	SWPCC plans to add event information to website	5			
IDDE-5.3	Create a link on www.tmsstormwater.com for residential hazardous waste management, identifying and linking to local waste collection events, programs or companies		2	↔	SWPCC plans to add event information to website	9			
IDDE - GENERAL	n/a				"ongoing" added to all previously blank BMP Notes				
IND - GENERAL	n/a				"goal met" changed to "ongoing" for all relevant BMPs				
MS4-9.1	Record number of manuals distributed at workshops and training events		1	↔	The majority of the distribution of relevant information is online.	9			
MS4-9.2	Provide assistance with periodic updates of the Watershed Protection Manual		2	↔	The "Watershed Management and Protection Plan For Tributaries To The Truckee River" was updated in August 2020	9			
MS4 - GENERAL	n/a				"goal met" or "CASQA highlights" changed to "ongoing" for all relevant BMPs				
MUNI-1.1	Maintain and inspect major storm water inlets and conveyance channels at least once a year		4	↔	WC does not have current workforce to inspect all major SD structures annually, however they rotate inspection areas regularly.		9	9	7
MUNI-5.1	Coordinate and provide internal O&M staff storm water related training (100% of O&M staff trained or informed) annually		3	↔	No class setting due to covid19. COR plans to conduct future trainings for fire staff, police, and dispatch.	7			
MUNI - GENERAL	n/a				"ongoing" added to all previously blank BMP Notes				
POST-1.2	Revise development codes as needed to support the Post Construction Storm Water program		4	↔	Title 18 was updated when current Permit was issued. When next Permit is issued, the relevant agencies will provide necessary updates to their development codes.		9	9	
POST-1.3	Define the approach and timeline for developing a database of post-construction BMPs controls		2	↔	Each agency has a post-construction BMP control database that is updated regularly.		9	9	ILA ¹
POST-3.1	Distribute the LID handbook (electronically) within the Truckee Meadows MS4 permit area		3	↔	Ongoing. Distribution occur through Tmstormwater.com	9			

POST-5.2	Discuss in committee the necessity of developing a more formal process (e.g., a checklist, or additional BMPs in the Truckee Meadows Drainage manual) annually		2	↔	Formal process improvements hasn't been discussed yet.	1			
POST - GENERAL	n/a				"ongoing" or "goal met" added to all previously blank BMP Notes, accordingly				

Effectiveness Assessment

The effectiveness assessment assigns a CASQA outcome type to each BMP in the tables provided. The BMPs are then rated for the level of implementation. The value of the implementation rating shows the status of the BMP item being implemented toward achieving the goals associated.



Implementation Rating System:

1-3 = Not Fully Implemented, Requires Improvement

4-6 = Implemented, Actively Improving

7-9 = Complete, Little Improvement Needed

n/a = Not applicable

Should be "Ranking"
not "Rating"

PROPOSED FORMAT (Draft)
With examples of
BMP revisions

CASQA Classifications: 1 = Documenting; 2= Awareness;
3= Behavior; 4= Sources; 5= Runoff Quality;
6= Receiving Water Quality

Element: Public Outreach and Education

Daniel Moss:
Revised titles

Daniel Moss:
2 new columns

BMP#	Title or Measurable Goal	2005 Permit Reference	CASQA BMP Classif.	Ongoing (<->) or Deadline	Accomplishments, General Notes	CASQA Ranking:				Future Improvements (or, "No Action Needed")	Priority (High/Med/Low)
						SWPCC	COR	COS	WC		
EDU-01, Public Outreach and Education Typical Events	IV.D.2										
EDU-1.1 Coordinate and attend (booth or table) at least one community event per year		2	↔		Hosted 2 stenciling events.	6				SWPCC plans to attend two or more in-person community events next FY	High
EDU-1.2 Host at least two BMP related workshops per year		3	↔		1 BMP-specific Workshop held in spring. In addition, 1 LID workshop held in spring, 2 HOA stormwater infrastructure maintenance trainings held in fall, & 1 KTMB Teacher Training on Watersheds held in fall.	9				No Action Needed	
EDU-1.4 Maintain the existing web tools with updated content and current information		2	↔		Updated City's and SWPCC's website, including adding new SWPCC Logo to webpages.	5				Truckee River Watershed Map Tool could be revamped (currently non-functional)	Med
EDU-1.5 Provide support to educators by maintaining and promoting tools for their use on www.tmsstormwater.com and in coordination with the Truckee Meadows Water Authority (TMWA)		2	↔		Tools are maintained and posted on new website.	5				Links to PWET Educational materials and training opportunities could be added to website	Med
[...]											
IDDE-05, Household Hazardous Waste Program	IV.G										
IDDE-5.1 Support local programs focused on educating residents about household products that are environmentally hazardous and the disposal alternatives available in the Truckee Meadows (distribute printed materials at one community event per year, minimum)		2	↔		Information also available on 2021 Prevent Local Stromwater Pollution pamphlet, distributed to community.	6				Add reference to KTMB.org on the TMStormwater.com website. Further distribute 2021 Prevent Local Stromwater Pollution pamphlet.	Med
IDDE-5.2 Promote, publicize or assist in existing community collection events		2	↔		Website currently contains "Recycling and Hazardous Waste Disposal Information" section	5				Add specific event information to website; Consider assisting in community events	Med
IDDE-5.3 Create a link on www.tmsstormwater.com for residential hazardous waste management, identifying and linking to local waste collection events, programs or companies		2	↔		Website currently contains "Recycling and Hazardous Waste Disposal Information" section	6				Add more specific organization links and info to website, incl. reference to KTMB.org on the TMStormwater.com website.	Med

(REFERENCE) Original EDU-01 Formatting and Content Below:

EDU-01, Public Outreach and Education Typical Events	IV.D.2										
EDU-1.1 Coordinate and attend (booth or table) at least one community event per year		2	↔		Hosted 2 stenciling events.	9					
EDU-1.2 Host at least two BMP related workshops per year		3	↔		1 BMP-specific Workshop held in spring. In addition, 1 LID workshop held in spring, 2 HOA stormwater infrastructure maintenance trainings held in fall, & 1 KTMB Teacher Training on Watersheds held in fall.	9					
EDU-1.4 Maintain the existing web tools with updated content and current information		2	↔		Updated City's and SWPCC's website, including adding new SWPCC Logo to webpages.	9					
EDU-1.5 Provide support to educators by maintaining and promoting tools for their use on www.tmsstormwater.com and in coordination with the Truckee Meadows Water Authority (TMWA)		2	↔		Tools are maintained and posted on new website.	9					
[...]											

(REFERENCE) Original IDDE-05 Formatting and Content Below:

IDDE-05, Household Hazardous Waste Program	IV.G										
IDDE-5.1 Support local programs focused on educating residents about household products that are environmentally hazardous and the disposal alternatives available in the Truckee Meadows (distribute printed materials at one community event per year, minimum)		2	↔		Referral to KTMB.org on the TMStormwater.com website. Information also available on 2021 Prevent Local Stromwater Pollution pamphlet, distributed to community.	6					
IDDE-5.2 Promote, publicize or assist in existing community collection events		2	↔		SWPCC plans to add event information to website	5					
IDDE-5.3 Create a link on www.tmsstormwater.com for residential hazardous waste management, identifying and linking to local waste collection events, programs or companies		2	↔		SWPCC plans to add event information to website	9					

Symbol Key: ↔ Ongoing Activity; ☰ Deliverable or SWMP Milestone

Implementation Ranking: 1-3 = Not Fully Implemented, Requires Improvement

4-6 = Implemented, Actively Improving

7-9 = Complete, Little Improvement Needed

n/a = not applicable

Element: Illicit Discharge Detection and Elimination

BMP#	Title or Measurable Goal	Milestone or Accomplishment				Implementation Ranking:			
		2005 Permit Reference	CASQA BMP Classification	Ongoing or deadline	Notes	SPCC	COR	COS	Washeo
	IDDE-01, Illicit Discharge Report and Response Database	IV.G.							
IDDE-1.1	Maintain individual databases for records management of IDDE		1	↔	Ongoing		9	9	
IDDE-1.2	Manage and mitigate storm water runoff quality through the reduction of illicit discharges in a timely manner (data entry within 5 working days of an event)		6	↔	Ongoing		9	9	
IDDE-1.3	Investigate feasibility of developing a collective process whereby spill response and records management are consistent and able to be merged.		3	↔	Feasibility has been discussed and deemed not feasible - Each municipality uses their own software and data management systems.	7			
	IDDE-02, Spill Control and Prevention								
IDDE-2.1	Inspect 100% of commercial and industrial facilities at least once a year		6	↔	Ongoing		9	9	ILA ¹
IDDE-2.2	Record and follow up on all reportable spills		5	↔	Ongoing		9	9	ILA ¹
	IDDE-03, IDDE Corrective Action and Follow-Up Protocols	IV.G.1							
IDDE-3.1	Investigate 100% of reported/discovered instances of illicit discharges within the MS4 permit area in a timely manner		6	↔	Ongoing		9	9	9
IDDE-3.2	Clean-up and mitigate 100% of known illicit discharges		6	↔	Ongoing		9	9	
IDDE-3.3	Follow up on 100% of known illicit discharge actions and clean-up mandates		6	↔	Ongoing		9	9	
	IDDE-04, Sanitary and Storm Sewer Inspection Program	IV.G.1.h							
IDDE-4.1	Increase awareness among staff of the significance of sanitary/storm system interconnections and illicit discharges (100% of inspection staff trained)		4	↔	Ongoing. Agencies continue eliminating interconnections and continue IDDE inspections throughout the MS4. COR plans to also conduct trainings for fire staff, police, and dispatch, in upcoming FY.		9	8	
IDDE-4.2	Record and report the length and location of collection system inspected annually (100% of the inspections recorded)		2	↔	Ongoing		9	8	7
IDDE-4.3	Correct or list 100% of identified field issues on future CIP lists		3	↔	Ongoing		9	9	9
	IDDE-05, Household Hazardous Waste Program	IV.G.							
IDDE-5.1	Support local programs focused on educating residents about household products that are environmentally hazardous and the disposal alternatives available in the Truckee Meadows (distribute printed materials at one community event per year, minimum)		2	↔	Referral to KTMB.org on the TMStormwater.com website. Information also available on 2021 Prevent Local Stromwater Pollution pamphlet, distributed to community.	6			
IDDE-5.2	Promote, publicize or assist in existing community collection events		2	↔	SWPCC plans to add event information to website	5			
IDDE-5.3	Create a link on www.tmstormwater.com for residential hazardous waste management, identifying and linking to local waste collection events, programs or companies		2	↔	SWPCC plans to add event information to website	9			

Symbol Key: ↔ Ongoing Activity; Ⓢ Deliverable or SWMP Milestone

ILA: The Cities of Reno and Sparks Environmental Control (EC) sections perform commercial and industrial inspection and enforcement activities for respective areas of Washoe County, through interlocal agreements.

n/a= not applicable

Implementation Ranking: 1-3 = Not Fully Implemented, Requires Improvement
4-6 = Implemented, Actively Improving
7-9 = Complete, Little Improvement Needed

Annual Report Financial Questionnaire: SWPCC Discussion on Future Improvements

Summary:

To improve the existing Financial Questionnaire worksheet format, SWPCC has prepared a draft new format of the worksheet. Considering the anticipated new NDEP MS4 Permit, all changes would be in compliance with the current permit and the SWMP.

For reference, the current permit requirements for the Annual Report relating to budget includes: V.C.3.k - Annual expenditures for the reporting period, with a breakdown for the major elements of the SWMP, and the budget for the year following each Annual Report.

The following improvements are proposed for the Financial Questionnaire, pending approval by SWPCC:

1. Reassess each row item for relevance of tracking Time in addition to just Costs;
2. Add "Time" as a separate column, for tracking hours, as necessary;
3. Add "Description" as a separate column, for any row items requiring a qualitative description;
4. Clean up worksheet formatting; and
5. Clean up row item descriptions, for clarity.

Other Discussion Items:

1. Make worksheets uniform across Sparks, Reno, and Washoe County.

Financial Questionnaire: Fiscal Year 2020-2021

ORIGINAL FORMAT

Agency-Specific Storm Water Management Program Indirect Costs

Agency name/division: City of Reno	Indirect Program Costs
PUBLIC WORKS: MAINTENANCE DIVISION	
Model & Quantity of Street Sweepers replaced during this fy?	\$ 880,354.92
Maintenance of street sweepers: time : Broom changing labor and maintenance expenses, parts, etc. : Broom replacements	\$ 7,551.69
How much staff effort is dedicated to Street Sweeping and disposal - this FY? 5.7 FTE	\$ 36,112.00
Annual purchasing costs for products to maintain traction on roads in winter:	\$ 624,823.00
Time spent maintaining equipment for abrasive application?	
Annual costs for products to maintain safe sidewalks in winter, at agency facilities?	\$ 44,077.54
Time spent on BMPs for safer products/storage solutions/application equipment?	\$ 2,000.00
Models & quantity of equipment purchased for cleaning catch basins, detention basins, and other related storm water catchments or facilities - this FY?	\$ 2,000.00
Time spent removing debris from catch basins, repairing or replacing cb's?	\$ 927,447.84
Time spent on maintaining vactors and other storm drain cleaning equipment?	\$ 360,569.00
Staff time spent on maintenance of drainage ways for conveyance of storm water: cost:	\$ 379,217.22
Repairs to equipment used for drainage way conveyance/clearing/spraying products?	\$ 379,217.00
Model & quantity of vactors and other equipment used in CB cleaning, replaced during this FY? 2 Camel 1200 Flush/Vac trucks	\$ 30,893.86
Any repair costs to vactor or other large equipment? Mechanics time.	\$ -
Annual expenditures on herbicides to eradicate noxious weeds in drainages:	\$ 37,727.22
Time spent on training for application / certification of herbicide use:	\$ 9,894.00
Time spent installing, maintaining, inspecting public domain BMPs?	\$ 2,000.00
Time spent investigating illicit discharges and reporting/ fixing by staff?	40 hrs
Time spent on storm water BMP trainings: FY	100 hrs
Time spent in FY on inspection and resolution of homeless camps?	\$ 100 hrs
Time spent in FY on inspection, resolution of other non point source issues?	\$ 421,329.81
Public Works Maintenance Subtotal:	\$ 350.00
	4,145,565.10

Financial Questionnaire: Fiscal Year 2020-2021

Agency-Specific Storm Water Management Program Indirect Costs

Agency name/division: City of Reno	Indirect Program Costs
PUBLIC WORKS: ENVIRONMENTAL SERVICES and Engineering	
Design engineering time for channel restoration, contract management to reduce NPS pollution	
IDDE program: participation in staff trainings (agency-wide)	\$ 7,524.76
IDDE call management: responses and routing, reporting, river walk,	\$ 142,959.75
IDDE expenses in emergency cleanup from spills or dumping: FY cost	\$ 43,884.02
IDDE program: annual inspections for pretreatment/storm water program	\$ 329,477.90
Storm water quality monitoring, ambient program. Time/cost per FY?*	
Storm water quality monitoring, storm event program: Time/cost per FY*	
Water Quality Monitoring equipment and supplies purchased/serviced: FY*	
Mapping of storm drain system, drainage ways, surveying: Time	\$ 25,000.00
Mapping software/hardware/survey hardware/software: cost/FY	
Administration, management of interlocal agreements*	
Administration, attendance of SWPCC meetings (members/staff)*	
Administration, coordination/budgeting/agendas/minutes. Time/cost/FY*	
Administration, grant writing and reporting time	
*Total administrative and contract management costs for all SWPCC activities /FY	\$ 248,337.00
Engineering review time for LID-SC on plans (incorporated into Community Development Plan Review cost)	
Other permit support and oversight	
Flood and drainage way (misc.)	
Public Works Environmental Services and Engineering Subtotal:	\$ 797,183.43
PARKS MAINTENANCE	
Time spent tracking fertilizer and pesticide usage, training with Dept. of Ag	\$ 771.70
Time spent applying best management practices, curb and gutter cleaning, river cleanup, 10% of fertilizer/leaf removal time	\$ 53,907.10
Time spent on storm water BMP trainings: FY	\$ 1,245.52
Parks Maintenance Subtotal:	\$ 55,924.32
COMMUNITY DEVELOPMENT	
Plan reviews, to include post-construction BMP review and other permit support.	\$ 455,000.00
Construction program: inspections and enforcement	\$ 137,077.00
Construction program: participation in community trainings	\$ -
SWPCC meeting attendance/preparation	\$ 997.00
Parking ordinance support: FY cost:	
Community Development Subtotal:	\$ 593,074.00
OTHER SUPPORTING DEPARTMENTS:	
Public Works, Code Enforcement ,and RPD in assistance with homeless camps?	\$ 99,290.71
Other Support Subtotal:	\$ 99,290.71
Grand total storm water management program support:	\$ 5,691,037.56

Financial Questionnaire: Fiscal Year 2020-2021

PROPOSED FORMAT

Agency-Specific Storm Water Management Program Indirect Costs

Agency Name/Division	Description	Time (hrs)	Indirect Program Total Costs (Incl. Labor Costs & Materials)
City of Reno			
PUBLIC WORKS: MAINTENANCE DIVISION			
Model & Quantity and Cost of Street Sweepers replaced during this FY?	6 Model A Streetsweepers		\$ 880,354.92
Time and Cost for labor of street sweepers Broom replacements		hrs	\$ 7,551.69
Cost of Maintenance of street sweeper expenses, parts, etc.: Broom replacements			\$ 36,112.00
Time and cost dedicated to Street Sweeping and disposal this FY?		hrs	\$ 624,823.00
Annual purchasing costs for products to maintain traction on roads in winter:			\$ 44,077.54
Time and cost spent maintaining equipment for abrasive application?		hrs	\$ -
Annual costs for products to maintain safe sidewalks in winter, at agency facilities?			\$ 2,000.00
Time and cost spent on BMPs for safer products/storage solutions/application equipment?		hrs	\$ 2,000.00
Models & quantity of equipment purchased for cleaning catch basins, detention basins, and other related storm water catchments or facilities - this FY?	2 Vac Trucks, 3 new hoses, etc.		\$ 927,447.84
Time spent removing debris from catch basins, repairing or replacing cb's?		hrs	\$ 360,569.00
Time spent on maintaining vactors and other storm drain cleaning equipment?		hrs	\$ 379,217.22
[...]			
[...]			
[...]			
[...]			
OTHER SUPPORTING DEPARTMENTS:			
Public Works, Code Enforcement ,and RPD in assistance with homeless camps?			\$ 99,290.71
Other Support Subtotal:			\$ 99,290.71
Grand Total Stormwater Management Program Support:			#NAME?