

MEETING NOTICE

Truckee Meadows Stormwater Permit Coordinating Committee

DATE: October 28, 2021
TIME: 9:15 am
PLACE: City of Reno, City Hall
7th Floor Conference Room
One East 1st Street (There is parking available in
Reno, NV 89501 Parking Garage above the First Floor)

Members

Kevin Porter, Chair

Theresa Jones
Cody McDougall
James Pehrson
Jennifer Heeran
Walter West

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.

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.

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. The presiding officer may prohibit comment if the content of comments is a topic that is not relevant to, or within the authority of, the public body, or if the content is willfully disruptive of the meeting by being irrelevant, repetitious, slanderous, offensive, inflammatory, irrational or amounting to personal attacks or interfering with the rights of other speakers. Any person making willfully disruptive remarks while addressing the public body or while attending the meeting may be removed from the room by the presiding officer, See, NRS 241.030(4)(a), and the person may be barred from further audience before the public body during that session. See, Nevada Attorney General Opinion No. 00-047 (April 27, 2001); *Nevada Open Meeting Law Manual*, § 8.05. Examples of disruptive conduct include, without limitation, yelling, stamping of feet, whistles, applause, heckling, name calling, use of profanity, personal attacks, physical intimidation, threatening use of physical force, assault, battery, or any other acts intended to impede the meeting or infringe on the rights of the public body or meeting participants.

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) – October 28, 2021

A.4 Approval Of The Minutes (For Possible Action) – September 23, 2021

B. Business Items

B.1 Review and possible approval for payment of below invoice. 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) USGS Invoice # 90927164, dated September 10, 2021, in the amount of \$3,234.00 related to Stormwater Monitoring for FY21/22.
- ii) Balance Invoice # 213136-0921, dated October 12, 2021, in the amount of \$12,675.41 related to Stormwater Monitoring for FY21/22.

B.2 Review, discussion and possible selection of proposed scope of work from NCE for the 2021 Watershed Assessment on Tributaries to the Truckee River. (For Possible Action)

B.3 Review of 1st Quarter SWPCC Fiscal Year 21-22 budget

C. Standing Agenda Items (Not For Action)

C.1 Update on 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.

- (a) KTMB Teacher Training - Saturday, October 16, 2021
- (b) Spanish/English Trifold pamphlet distributed
- (c) Truckee Meadows Water Authority Bill Insert – Preventing Local Stormwater Pollution – Oct 2021
- (d) TMPF BLOG Post - Caring for the Truckee River - Preventing Local Stormwater Pollution – 10/4/21

- 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.

(a) Homeowners Association (HOA) Stormwater Education Presentation – Tuesday
10/19/21, 10/26/21

- D.** Discussion and possible direction on setting the next regular meeting for November 18, 2021 in the in 6th Floor Conference Room 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, September 23, 2021

The regular meeting of the Truckee Meadows Storm Water Permit Coordinating Committee (SWPCC) was held at the City Hall 6th Floor Large Conference Room, One East 1st 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 Member West at 9:15 a.m. and a quorum was present.

Members Present: Theresa Jones, SWPCC Coordinator; Jennifer Heeran; Cody McDougall; James Pehrson; Walter West

Members Absent: Kevin Porter, Chair

Staff and Guests Present: Susan Ball Rothe, Legal Counsel; Daniel Moss, City of Reno Project Coordinator; Iris Jehle Peppard, One Truckee River; Timber Weiss, Washoe County; Debra Lemke, NCE; Shelley Read, NCE; Carrie Jensen, Urban Ecology Solutions

A.2 Public Comment

None

A.3 Approval of Agenda (For Possible Action) - September 23, 2021

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

A.4 Approval of the Minutes (For Possible Action) - August 26, 2021

Member West noted a spelling error in the third line under Item B.2. The word “things” will be changed to “thinks”.

MEMBER MCDOUGALL MADE A MOTION TO APPROVE THE MEETING MINUTES AS CORRECTED, SECONDED BY MEMBER PEHRSON. THE MOTION CARRIED UNANIMOUSLY WITH FIVE (5) MEMBERS PRESENT.

B. Business Items

B.1 Review and possible approval for payment of below invoice. The City will pay the invoice 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 #213136-0821, dated September 3, 2021, in the amount of \$28,501.59 related to Stormwater Monitoring for FY21/22

COORDINATOR JONES 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 invoice 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) SoSuTV Invoice, dated September 11, 2021, in the amount of \$400, for editing the video recording of the June 2021 Truckee Meadows Structure Controls and LID Manual Training

Daniel Moss, Project Coordinator, explained that he was sent one draft and wasn't satisfied because the file sizes were much larger than expected. At the last SWPCC meeting there was discussion about getting the file uploaded and available to the public so he asked SoSuTV if they could make the file size smaller. He was told there must have been a glitch in the rendering and they are working on fixing it. Mr. Moss will follow up with them.

Coordinator Jones suggested approving payment upon receipt of the file.

COORDINATOR JONES MADE A MOTION TO APPROVE UPON RECEIPT OF THE SMALLER FILE, SECONDED BY MEMBER MCDOUGALL. THE MOTION CARRIED UNANIMOUSLY WITH FIVE (5) MEMBERS PRESENT.

B.3 Review, discussion and possible selection of proposed migration of content management and maintenance of Truckee River Info Gateway (TRIG) website to One Truckee River (OTR) in partnership with the Truckee Meadows Regional Planning Agency (TMRPA). (For Possible Action)

Coordinator Jones reported on a proposal from OTR and TMRPA for them to host the TRIG website.

Iris Jehle Peppard, OTR, reported on her discussion with Chris Wessel, Western Regional Water Commission (WRWC). He suggested the TMRPA might be a good partnership. The OTR Board is interested in moving forward and would like us to explore that collaboration.

Coordinator Jones discussed the issue of ADA requirements for the website.

Susan Ball Rothe, Legal Counsel, stated that the ADA requirement would also apply to the TMRPA.

Ms. Peppard stated she can clarify that with TMRPA.

Ms. Peppard confirmed for Coordinator Jones that Truckee Meadows Tomorrow is not related to the TRIG effort.

There was discussion regarding who will decide what content should be kept on the website and who would authorize changes.

Mr. Moss stated the initial proposition was not to remove any data and to leave the website intact.

There was discussion regarding who would approve any new data added to the website and what the criteria should be for the type of reports that would be added.

Ms. Peppard stated she would take direction from this committee on that.

Member West stated there must have been some criteria when the site was established. There was discussion regarding reviewing documents to find out what the initial criteria was. No action was taken on this item.

B.4 Review, discussion and possible selection of proposed scope of work for the 2021 Watershed Assessment on Tributaries to the Truckee River. (For Possible Action)

Coordinator Jones discussed the available budget for this item and noted that the Nevada Department of Transportation (NDOT) participates in this at 25%. She stated she would like to see a project management task added to the scope. A kick off meeting might be needed. She also discussed reach boundaries and asked if NCE has their own reaches defined or if they would be using the boundaries from CDM.

Debra Lemke, NCE, discussed the importance of determining consistent reaches and stated she needs some time to determine if the reach boundaries match.

Coordinator Jones asked if there would be enough time for this project this late in the season.

Ms. Lemke stated if we just do noxious weeds and not native plants, it will not be a problem this late in the year.

Ms. Lemke asked if it would be possible to request an increase in budget with the addition of a kick off meeting and determination of reach boundaries.

Coordinator Jones stated she assumed that was built in to the tasks and that is why she requested that be broken out in the scope.

Ms. Lemke stated it is a tight budget but she will make it work.

Member West summarized direction at this point stating we want NCE to modify the scope and bring it back for approval at the next meeting.

Coordinator Jones asked if it would be too late to bring it back next time if NCE modifies the scope and they feel they need to make some adjustments in the cost.

Member West stated it sounds like we have time.

Ms. Lemke stated she is comfortable with the \$40,000 because she does have some project management added into the overall tasks. She thinks the scope can be revised to add the project management task and add some clarification to the scope that they will determine that the GIS boundaries are the same and if not, they will present the proposed reaches to the committee for review and discussion.

Coordinator Jones stated she wouldn't mind having a \$5,000 contingency for things that come up.

COORDINATOR JONES MADE A MOTION TO HAVE NCE BRING A REVISED SCOPE OF WORK TO THE NEXT SWPCC MEETING, SECONDED BY MEMBER HEERAN. THE MOTION CARRIED UNANIMOUSLY WITH FIVE (5) MEMBERS PRESENT.

B.5 Review and possible approval of Office Depot printing services, to be billed in an amount not to exceed \$450, for 500 Spanish-version trifold pamphlets, for distribution to the various agencies and offices through Truckee Meadows. (For Possible Action)

Mr. Moss introduced this agenda item and stated he is holding back on distributing the English pamphlets until the Spanish pamphlets are printed and they can be distributed together.

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

C. Standing Agenda Items (Not For Action)

C.1 Update on 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.

- (a) Homeowners Association (HOA) Stormwater Education Training presentation outreach plan

Mr. Moss reported that he sent an email out to numerous HOA management companies and so far we have about 30 RSVPs for our region. We have set two dates for the end of next month for one-hour virtual presentations with time for questions and answers.

Carrie Jensen, Urban Ecology Solutions, stated they will also be sending out a feedback form to the participants after the presentations.

Mr. Moss confirmed for Member West that the presentation will be recorded so it can be made available on our website.

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

Mr. Moss reported that he received an email update from Kristi Black with NDEP. They are down to half of their staff right now. They are still working on comments for the draft of the CGT and have just started drafting a Truckee Meadows MS4 Permit.

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

Coordinator Jones reported that NDOT will be helping with the Keep Truckee Meadows Beautiful (KTMB) outreach this Saturday.

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

- (a) Storm Drain Stenciling during KTMB's Truckee River Cleanup - September 25, 2021
- (b) KTMB Teacher Training - Saturday, October 16, 2021

Mr. Moss reported this year they will be doing stenciling in Washoe County areas. Some of the items they will be handing out at the event include dog waste bag dispensers, pencils, and rain gauges.

Member West asked if we are tracking the areas that have been done already.

Mr. Moss explained that is on his list of long-term tasks. He also stated there is discussion with the City of Reno GIS department to add a line item for storm drains to say if it has been stenciled or not. He will make a map and keep it going one way or another.

D. Discussion and possible direction on setting the next regular meeting for October 21, 2021 in the 6th Floor Conference Room at 9:15 a.m. (For Possible Action)

Ms. Rothe noted the date for the next meeting should be October 28, 2021.

The next regular meeting date was confirmed for October 28, 2021 at 9:15 a.m.

E. Public Comment

None

F. Adjournment (For Possible Action)

The meeting was adjourned at 10:02 a.m.

Respectfully submitted by,
Christine Birmingham, Recording Secretary

UNITED STATES DEPARTMENT OF THE INTERIOR
DOWN PAYMENT (BILL) REQUEST

Make Remittance Payable To: U.S. Geological Survey
Billing Contact: Helen Houston Phone: 775-887-7605

Bill #: 90927164
Customer: 6000001960
Date: 09/10/2021
Due Date: 11/09/2021

Remit Payment To: United States Geological Survey
P.O. Box 6200-27
Portland, OR 97228-6200

RECEIVED

SEP 14 2021

CITY OF RENO
Public Works Department

Payer: CITY OF RENO
PUBLIC WORKS DEPARTMENT
7TH FLOOR, CITY HALL/PO BOX 1900
RENO NV 89505

Additional forms of payment may be accepted. Please
email GS-A-HQ_RMS@USGS.GOV or call
703-648-7683 for additional information.

To pay through Pay.gov go to <https://www.pay.gov>.

Checks must be made payable to
U.S. Geological Survey. Please detach the top portion
or include bill number on all remittances.

Amount of Payment: \$ _____

Date	Description	Qty	Unit Price		Amount
			Cost	Per	
09/10/2021	Quarterly billing for joint funding agreement 21ZJJFA00120; Surface water monitoring program on the North Truckee Drain Cust POC: Theresa Jones; 775-334-2350 USGS POC: Megan Poff; 702-564-4526 21ZJJFA00120 Approved for payment upon approval by SWPCC on 10/28/21 <i>Theresa Jones</i>	1	3,234.00	1	3,234.00

Amount Due this Bill: 3,234.00

Accounting Classification:
Sales Order: 99982
Sales Office: GWZJ
Customer: 6000001960
Accounting #: 11197727

TIN: *****0201



**Balance
Hydrologics, Inc.®**

Approved for payment upon
approval by SWPCC on 10/28/21

Theresa Jones

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
213136-0921	10/12/21	\$ 12,675.41

Project Manager: Benjamin Trustman
Project Number: 213136:Ph8
Job Description: City of Reno Stormwater
Billing Through: 09/18/21
Contract/PO#:

SUMMARY OF CHARGES

	Amount
01 Data Analysis and Annual Report (FY2021)	\$9,228.75
02 Stormwater Sampling	\$245.00
03 Tributary Ambient Sampling (2x)	\$595.00
04 Streamflow gaging (5 gages)	\$1,190.00
06 Project Management and Correspondence	\$362.50
Expenses	\$1,054.16
Amount Due This Invoice:	\$12,675.41

Task 1. Data Analysis and Annual Report (FY2021)

- 1) Data update for trends analysis
- 2) QA/QC Data for report
- 3) Report writing & formatting

Task 2. Stormwater Sampling

- 1) 6 month on-call storm sampling list

Task 3. Tributary Ambient Sampling (2x)

- 1) Flowsheet work up and QA/QC
- 2) Obs logs updates

Task 4 Streamflow gaging

- 1) Flow measurements and downloads at Alum Creek, Thomas Creek, Evans Creek, and Boynton Slough
- 3) Flowsheet data work and QA/QC
- 4) Obs logs update

Task 6 Project management and correspondence

- 1) Project management

Expenses: At&t for Arlington station telemetry; WetLab Analytical ; mileage

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.



Invoice

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

<u>Invoice #</u>	<u>Date</u>	<u>Amount Due</u>
213136-0921	10/12/21	\$ 12,675.41

Project Manager: Benjamin Trustman
Project Number: 213136:Ph8
Job Description: City of Reno Stormwater
Billing Through: 09/18/21
Contract/PO#:

Terms: Due Upon Receipt

BREAKDOWN OF TIME CHARGES	Rate	Hours	Amount
Project Professional	\$180.00	0.25	\$45.00
Staff Professional	\$140.00	75.50	\$10,570.00
Assistant Professional	\$130.00	5.75	\$747.50
Senior Project Administrator	\$125.00	1.50	\$187.50
Report Specialist	\$95.00	0.75	\$71.25
Total Time Charges:			\$11,621.25

BREAKDOWN OF EXPENSES	Quantity	Rate	Amount
Field Phone	1.00	\$10.46	\$10.46
Laboratories	1.00	\$973.94	\$973.94
Mileage Reimbursement - Truck	109.00	\$0.640	\$69.76
Total Expenses:			\$1,054.16

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.

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

Tasks & Allocation of Budget

Task	\$ Allocated	This Invoice (#213136-0921)		Total Expended		Budget Remaining	
		Previous Expenditures \$ amt	\$ amt	\$ amt	% Budget	\$ amt	%
01 Data Analysis and Annual Report (FY2021)	\$48,490.00	\$20,195.00	\$9,228.75	\$29,423.75	61%	\$19,066.25	39%
02 Stormwater Sampling (outfalls and tributaries)	\$47,520.00	\$1,890.00	\$245.00	\$2,135.00	4%	\$45,385.00	96%
03 Tributary Ambient Sampling (2x)	\$10,400.00	\$2,310.00	\$595.00	\$2,905.00	28%	\$7,495.00	72%
04 Streamflow Gaging (4 gages)	\$21,440.00	\$3,220.00	\$1,190.00	\$4,410.00	21%	\$17,030.00	79%
05 Committee Meetings and Presentations	\$9,480.00			\$0.00	0%	\$9,480.00	100%
06 Project Management and Correspondence	\$6,020.00	\$335.00	\$362.50	\$697.50	12%	\$5,322.50	88%
Total Labor	\$143,350.00		\$11,621.25	\$39,571.25	28%	\$103,778.75	72.4%
Direct Costs	\$3,786.00	\$374.38	\$80.22	\$454.60	12%	\$3,331.40	88%
Analytical Costs	\$23,550.00	\$177.21	\$973.94	\$1,151.15	5%	\$22,398.85	95%
Contingency	\$11,468.00			\$0.00	0%	\$11,468.00	100%

\$551.59	\$12,675.41	\$41,177.00	23%
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Total Allocated (including contingency)	\$182,154.00
Total Expended (including current invoice)	\$41,177.00
Total remaining	\$140,977.00

WETLAB

475 E Greg St Suite 119
 Sparks, NV 89431
 +1 7753550202
 www.wetlaboratory.com

**BILL TO**

Balance Hydrologies
 800 Bancroft
 Attn: Brian Hastings
 Berkley, CA 94710

INVOICE # 21080667
DATE 09/23/2021
DUE DATE 10/23/2021
TERMS Net 30

PROJECT

213136

ORDERID

21080667

DESCRIPTION	QTY	RATE	AMOUNT
21080667-001 / CSID: SBC @ NAR / Received: 08/18/2021	0		0.00
NO3+NO2_lachat (LOW)	1	24.00	24.00
ORTHO PHOSPHORUS	1	22.00	22.00
TKN - LOW	1	48.00	48.00
T-N_low	1	0.00	0.00
TOTAL PHOSPHORUS	1	24.00	24.00
TOTAL SUSPENDED SOLIDS	1	18.00	18.00
TDS with Prep	1	18.00	18.00
21080667-002 / CSID: EC @ KL / Received: 08/18/2021	0		0.00
ANIONS LOW LEVEL	2	18.00	36.00
ORTHO PHOSPHORUS	1	22.00	22.00
QUANT TRAY	1	36.00	36.00
TKN - LOW	1	48.00	48.00
TOTAL PHOSPHORUS	1	24.00	24.00
TOTAL SUSPENDED SOLIDS	1	18.00	18.00
TDS with Prep	1	18.00	18.00
21080667-003 / CSID: TC @ SMP / Received: 08/18/2021	0		0.00
NO3+NO2_lachat (LOW)	1	24.00	24.00
ORTHO PHOSPHORUS	1	0.00	0.00
TKN - LOW	1	48.00	48.00
TOTAL PHOSPHORUS	1	24.00	24.00
TOTAL SUSPENDED SOLIDS	1	18.00	18.00
TDS with Prep	1	18.00	18.00
21080667-004 / CSID: WC @ OVH / Received: 08/18/2021	0		0.00
NO3+NO2_lachat (LOW)	1	24.00	24.00
ORTHO PHOSPHORUS	1	0.00	0.00

DESCRIPTION	QTY	RATE	AMOUNT
QUANT TRAY	1	36.00	36.00
TKN - LOW	1	48.00	48.00
TOTAL PHOSPHORUS	1	24.00	24.00
TOTAL SUSPENDED SOLIDS	1	18.00	18.00
TDS with Prep	1	18.00	18.00
21080667-005 / CSID: NTD @ ORD / Received: 08/18/2021	0		0.00
NO3+NO2_lachat (LOW)	1	24.00	24.00
ORTHO PHOSPHORUS	1	0.00	0.00
TKN - LOW	1	48.00	48.00
TOTAL PHOSPHORUS	1	24.00	24.00
TOTAL SUSPENDED SOLIDS	1	18.00	18.00
TDS with Prep	1	18.00	18.00
21080667-006 / CSID: SBC @ RHR / Received: 08/18/2021	0		0.00
NO3+NO2_lachat (LOW)	1	24.00	24.00
ORTHO PHOSPHORUS	1	0.00	0.00
QUANT TRAY	1	36.00	36.00
TKN - LOW	1	48.00	48.00
TOTAL PHOSPHORUS	1	24.00	24.00
TOTAL SUSPENDED SOLIDS	1	18.00	18.00
TDS with Prep	1	18.00	18.00
Admin Fee	1	25.00	25.00

Thank you for your business. Please call us if you have any questions at (775) 355-0202.

SUBTOTAL	981.00
DISCOUNT	-95.60
TOTAL	885.40
BALANCE DUE	\$885.40

October 21, 2021

Theresa Jones, MSc, PE
Associate Civil Engineer
City of Reno
1 E. First Street
Reno, Nevada 89505

**RE: Scope of Work for 2021 Proposed Project Watershed Assessment
Technical Memorandums on Tributaries to the Truckee River**

Dear Ms. Jones,

NCE appreciates the opportunity to provide this scope of work to conduct the 2021 Proposed Project Watershed Assessment Technical Memorandums on Tributaries to the Truckee River. This scope focuses on six proposed projects within five tributaries to support individual entities (City of Reno, City of Sparks, and Washoe County) using this information to apply for 319(h) funding.

Project Understanding

NCE has reviewed the following resources to determine the most applicable proposed projects to assess in 2021:

- The 319(h)-funding project list
- Watershed Management and Protection Plan for Tributaries to the Truckee River (2020 Plan)

Since there is limited funding for the 2021 watershed assessment, NCE recommends surveying the specific project areas where future 319(h) projects are proposed. The following project areas are proposed to be surveyed in 2021 (**Table 1**):

Reno, NV

1885 S. Arlington Ave., Suite 111
Reno, NV89509
(775) 329-4955

Table 1. 2021 Proposed Project Areas to be Surveyed

Entity	Creek	Proposal Project Tracking Nomenclature*	Project Area Approximate Locations	Water Quality Issue
City of Reno	Chalk	Chalk – Lancer St. to MAA Project	Lancer Street to Mae Anne Ave.	This is a vegetation project with a section devoid of vegetation and subject to erosion.
City of Sparks	North Truckee Drain	NTD – Disc Dr. to SSD Project	Disc Drive to Spanish Springs Dam	Invasive weeds and vegetation are present throughout the tributary.
Washoe County	South Evans	South Evans – Anderson Park Project	Through Anderson Park, Del Monte Lane to Bonde Lane	Historical hydromodification causes frequent flooding, resulting in erosion and sediment loading.
Washoe County	Galena	Galena – I-580 Bridge Project	Lower Reach – I-580 bridge to Steamboat Creek	Erosion, undercutting, noxious weeds, hydromodification, and sediment loading are present along the project site.
Washoe County	Galena	Galena – CRR Project	Callahan Ranch Road to Galena Creek	Persistent severe incision/erosion are present.
Washoe County	Whites	Whites – Timberline Dr. Project	Timberline Drive to Legend Trail	High flows cause erosion and sediment loading in multiple tributary drainages to Whites Creek.

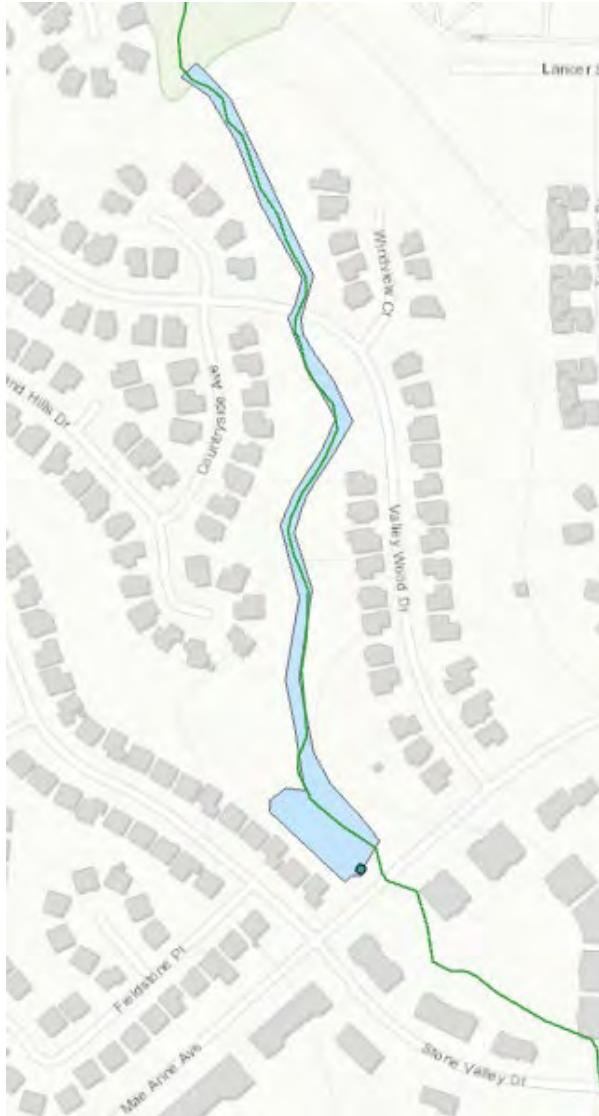
* These proposed project names are for proposal tracking purposes and will be renamed at a later date through coordination with each entity

Three Alum Creek projects and two additional projects were identified in the 319(h) Project List, but due to funding limitations for this year, these projects will not be surveyed as part of this proposed scope of work. The projects proposed to be surveyed during a subsequent year include Alum Creek restoration projects, proposed weed mitigation projects, and the MS4 Outlet Erosion Mitigation Project. Also, the North Truckee Drain project area was reduced to Disc Drive to the Spanish

Springs Dam due to proposed sediment removal activities in 2022 south of Disc Drive to Interstate 80. The six project areas are shown below:

Chalk – Lancer St. to MAA Project

- **Definition:** Lancer Street to Mae Anne Avenue
- **Length:** ~1,850 feet / 0.35 miles
- **Existing Observation Points:** 1



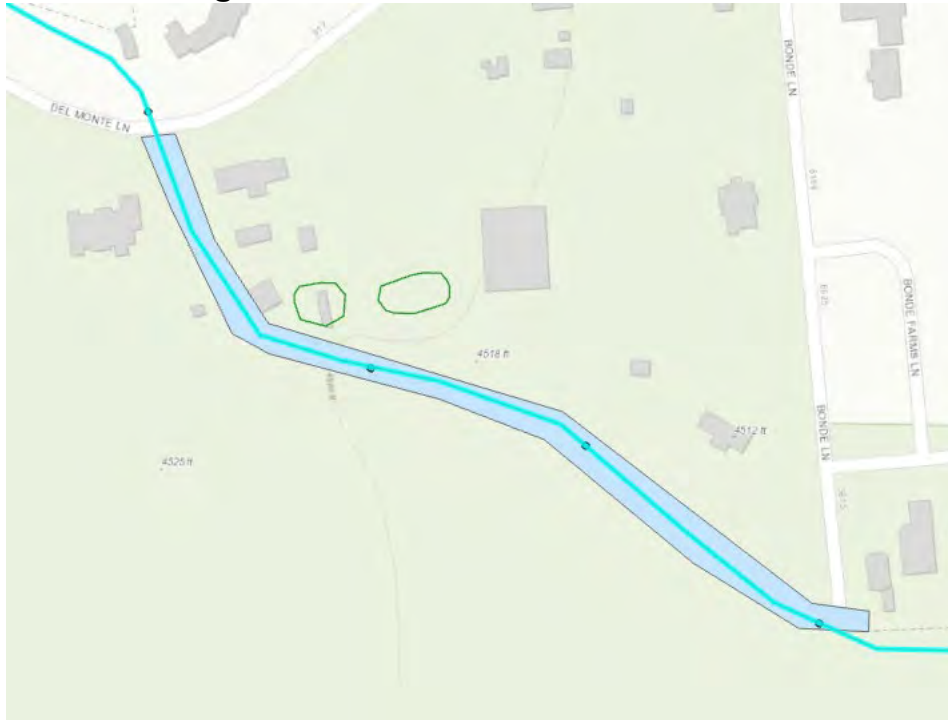
NTD – Disc Dr. to SSD Project

- **Definition:** Disc Drive to Spanish Springs Dam
- **Length:** ~8,848 feet / 1.6 miles
- **Existing Observation Points:** 11



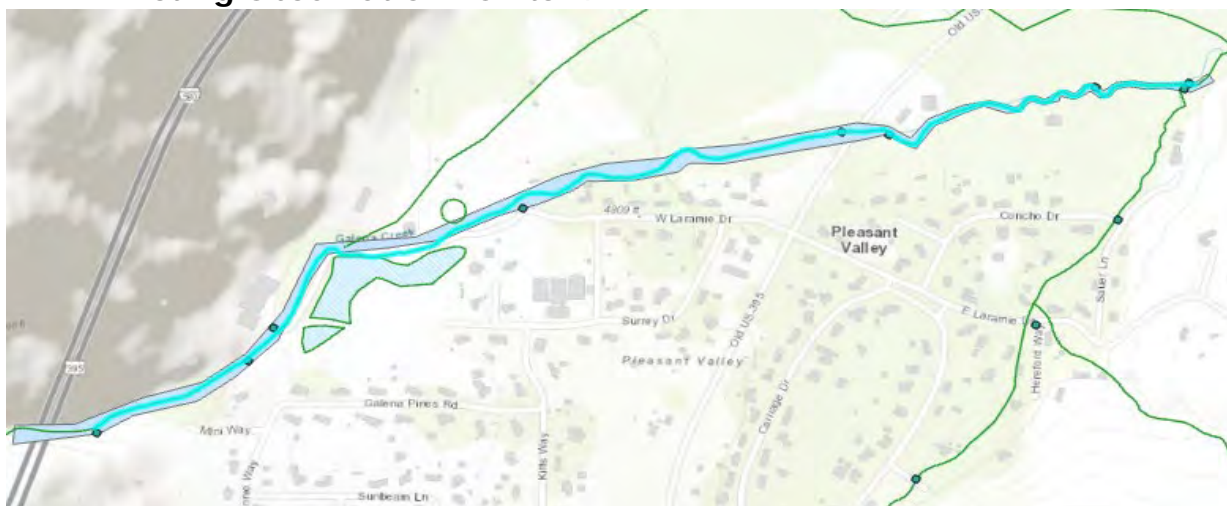
South Evans – Anderson Park Project

- **Definition:** Through Anderson Park, Del Monte Lane to Bonde Lane
- **Length:** ~1350 feet / 0.26 miles
- **Existing Observation Points:** 3



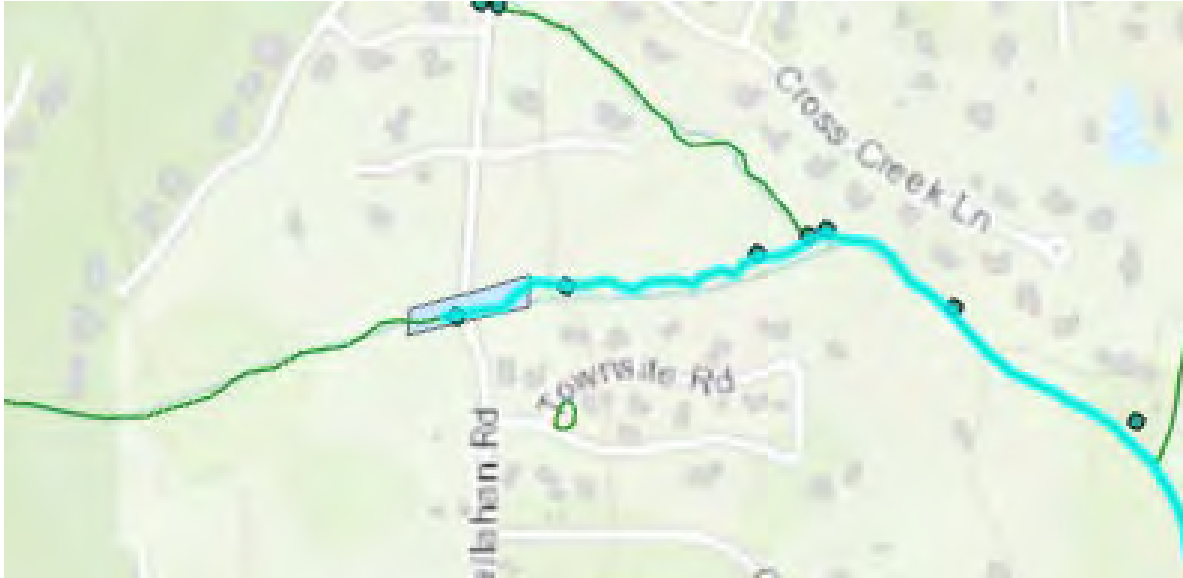
Galena – I-580 Bridge Project

- **Definition:** Western edge begins near I-580 bridge and extends to Steamboat Creek
- **Length:** 7214.58 feet / 1.37 miles
- **Existing Observation Points:** 9



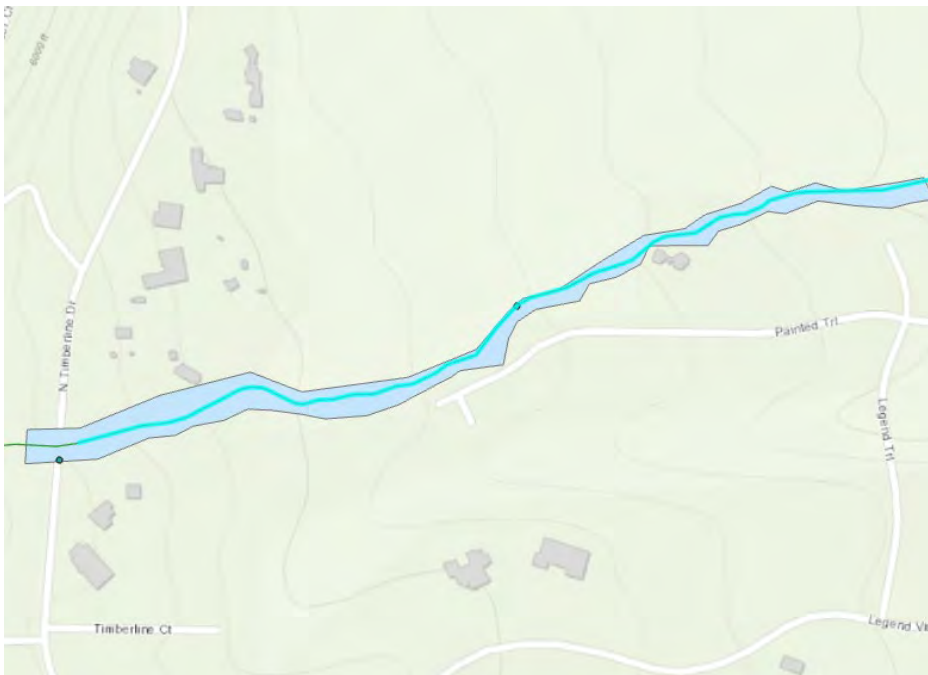
Galena – CRR Project

- **Definition:** Callahan Ranch Road to Galena Creek
- **Length:** 450 feet / 0.09 miles
- **Existing Observation Points:** 1



Whites – Timberline Dr. Project

- **Definition:** Timberline Drive to Legend Trail
- **Length:** ~2500 feet / 0.47 miles
- **Existing Observation Points:** 2



Scope of Work

Task 1 Project Management and Meetings

NCE will provide project management including administrative monthly budgeting, invoicing, scheduling, and general project administration. This task will also include a kick-off meeting with the City of Reno, brief updates at two Truckee Meadows Storm Water Permit Coordinating Committee's (TMSWPCC) meetings as well as providing the City of Reno informal regular updates over the course of the project.

NCE will manage the project in such a manner that project deliverables are on time, within budget, and the deliverables meet TMSWPCC/NCE's quality standards. At the time of identification, NCE will communicate any deviations from this agreed upon scope of work and level of effort.

Task 2 Conduct the Proposed Project Watershed Assessment Field Work

As described above, NCE will conduct an assessment for six proposed projects on the following creek reaches (above depicts an imagery for each project):

- Chalk Creek – Lancer Street to Mae Anne Ave. (Chalk – Lancer St. to MAA Project)
- North Truckee Drain - Disc Drive to Spanish Springs Dam (NTD – Disc Dr. to SSD Project)
- South Evans Creek - Through Anderson Park, Del Monte Lane to Bonde Lane (South Evans – Anderson Park Project)
- Galena Creek – Callahan Ranch Road to Galena Creek (Galena – I-580 Bridge Project); Callahan Ranch Road to Galena Creek (Galena – CRR Project)
- Whites Creek - Timberline Drive to Legend Trail (Whites – Timberline Dr. Project)

The project areas, including upstream and downstream of the project area will be assessed using the Proper Functioning Condition according to methodology presented in the U.S. Department of the Interior Bureau of Land Management document titled *Riparian Area Management, A User Guide to Assessing Proper Functioning Condition and the Supporting Science for Lotic Areas* (BLM, 1998). A PFC form will be completed at the same locations from previous assessments. In addition, representative photographs will be taken, and observation points will be recorded with a GPS unit. The data collected will include problem areas such as noxious weeds, headcutting, incision, scouring, erosion, and/or deposition locations,

as well as culvert dimensions. The noxious weeds will be identified, the coverage will be estimated, and the extent will be mapped.

Task 3 Six Proposed Project Watershed Assessment Technical Memorandums

Using the data collected in **Task 1**, NCE will prepare six individual 2021 Proposed Project Watershed Assessment Technical Memorandums. The memorandums will include a description of the proposed project, a summary of the field data collected, specific problem areas identified in the field, recommendations, photographs, and a set of maps and tables. The maps will include an overview map, and a map of the surveyed project area with the observation points, the location of noxious weed colonies, and the GPS points of erosion and/or degradation. The tables will include each proposed tributary project broken down into the issue, project size, planning needs, and a general estimate of the cost of implementation. Linked to this table will be an appendix with photographs that indicate each of the issues per project.

A GIS geodatabase will be created and provided to the City of Reno. The GIS database will include photo points, field observation points, points of erosion and/or deposition, extents of invasive/noxious weeds, and the PFC ratings.

The six Draft 2021 Watershed Assessment Technical Memorandums will be provided to the City of Reno for review and comment. The City of Reno will also solicit comments from the City of Sparks and Washoe County and provide a summary of comments to NCE. These comments will be used as the basis of preparing the six Final Watershed Assessment Technical Memorandums. NCE will submit the six Final Watershed Assessment Technical Memorandums to the City of Reno for distribution to the TMSWPCC.

Task 4 Contingency

There will be a \$5,000 contingency to account for the potential for unforeseen circumstances to affect the project.

Deliverables:

- Kickoff meeting with the City of Reno
- Brief (no longer than 15 minutes) updates at two TMSWPCC meetings
- Six sets of maps (electronic copy: PDF)
- Six sets of tables (electronic copy: Word and PDF)
- Six Draft 2021 Watershed Assessment Technical Memorandums (electronic copy: Word and PDF)

- Six Final 2021 Watershed Assessment Technical Memorandums (electronic copy: PDF and GIS geodatabase)
- GIS geodatabase with photo points, field observation points, points of erosion and/or deposition, extents of invasive/noxious weeds, and the PFC ratings

Assumption:

- Field work will be completed by two NCE scientists within four 10-hour days
- One consolidated set of comments from the TMSWPCC will be provided to NCE

ESTIMATED FEE

NCE proposes the above-described scope of work on a time and materials basis in accordance with our attached Schedule of Charges 2021. NCE understands the funds may be shifted between tasks, but not to exceed the amount of **\$45,000**.

We appreciate the opportunity to provide these services to the City of Reno and look forward to working with you and your team on this project. If you have any questions or additional needs, please call our office at (775) 329-4955.

Respectfully,

NCE



Kevin Senn
Principal



Debra Lemke, PWS, CPESC
Senior Scientist

Attachments: Exhibit A - Schedule of Charges 2021

EXHIBIT A - SCHEDULE OF CHARGES 2021

PROFESSIONAL SERVICES

Principal	\$270/hour
Associate.....	\$215/hour
Senior	\$185/hour
Project	\$165/hour
Staff	\$145/hour

TECHNICAL SERVICES

Senior Construction Manager*.....	\$145/(\$170-PW)/hour
Senior Designer.....	\$155/hour
CADD Designer	\$135/hour
Senior Technician*	\$125/(\$150-PW)/hour
Construction Inspector*	\$130/(\$155-PW)/hour
CAD Technician	\$120/hour
Senior Field Scientist.....	\$125/hour
Field Scientist	\$100/hour
Project Administrator	\$110/hour
Field/Engineering Technician*	\$100/(\$125-PW)hour
Technical Editor.....	\$100/hour
Clerical.....	\$90/hour

CONTRACT LABOR

From time to time, NCE retains outside professional and technical labor on a temporary basis to meet peak workload demands. Such contract labor will be charged at regular Schedule charges.

LITIGATION SUPPORT

Engineer/Scientist	\$330/hour
Court Appearances & Depositions	\$550/hour

EQUIPMENT

Plotter Usage	(separate fee schedule)
Truck	\$100/day
Automobile	IRS Standard Mileage Rate+15%
Falling Weight Deflectometer Testing	\$3,500/Day
Coring.....	\$4,500/Day
Environmental Equipment.....	(separate fee schedule)

OUTSIDE SERVICES

Rental of equipment not ordinarily furnished by NCE and all other costs such as special printing, photographic work, travel by common carrier, subsistence, subcontractors, etc..... cost + 15%

**COMMUNICATION/
REPRODUCTION**

In-house costs for long-distance telephone, faxing, postage, printing and copying

project labor charges x 5%

**TMSWPCC Storm Water Management Program Budget Fiscal Year 2021-2022
1st Quarter Summary**

Category	Budget Items	Program Budget	WRWC Contribution	NDOT Participation	Total Billed WRWC	Total Billed NDOT	Total Budget Remaining	% Spent	% Remain	Notes
Stormwater Quality	USGS	\$ 12,935.00	\$ 9,701.25	\$ 3,233.75	\$ 2,425.50	\$ 808.50	\$ 9,701.00	25%	75%	
	Field Supplies Equipment misc	\$ 5,000.00	\$ 5,000.00		\$ -		\$ 5,000.00	0%	100%	
	Balance Hydro	\$ 182,154.00	\$ 136,615.50	\$ 45,538.50	\$ 30,882.75	\$ 10,294.25	\$ 140,977.00	23%	77%	
	Misc. Stormwater Support	\$ 49,983.00	\$ 49,983.00		\$ -	\$ -	\$ 49,983.00	0%	100%	
	Subtotal	\$ 250,072.00	\$ 201,299.75	\$ 48,772.25	\$ 33,308.25	\$ 11,102.75	\$ 205,661.00	18%	82%	
Outreach	Unallocated	\$ 9,524.00	\$ 9,524.00		\$ -		\$ 9,524.00	0%	100%	
	KTMB		\$ -		\$ -		\$ -	#DIV/0!	#DIV/0!	
	SWAG		\$ -		\$ -		\$ -	#DIV/0!	#DIV/0!	
	TMPF		\$ -		\$ -		\$ -	#DIV/0!	#DIV/0!	
	Pamphlet	\$ 400.00	\$ 400.00		\$ 400.00		\$ -	100%	0%	
Subtotal	\$ 9,924.00	\$ 9,924.00	\$ -	\$ 400.00	\$ -	\$ -	4%	96%		
Administration and Support	NDEP	\$ 1,276.00	\$ 1,276.00		\$ -		\$ 1,276.00	0%	100%	
	City of Reno/Staffing	\$ 50,000.00	\$ 50,000.00		\$ -		\$ 50,000.00	0%	100%	
	Subtotal	\$ 51,276.00	\$ 51,276.00	\$ -	\$ -		\$ 51,276.00	0%	100%	
Total	Totals	\$ 311,272	\$ 262,500	\$ 48,772	\$ 33,708	\$ 11,103	\$ 256,937			Total Budget/Billed WRWC/NDOT
Check		\$ 322,500	\$ 262,500	\$ 60,000	\$ 33,708	\$ 11,103	\$ 256,937			Totals check
		OK	OK	OK	OK	OK				Over budget check
					OK	OK				Invoice Tab Check

Percent Total Budget Spent	14%
Percent WRWC Budget Spent	13%
Percent NDOT Budget Spent	23%
Unallocated Budget WRWC \$	228,792.00
Total Budget Remaining \$	266,461.00
Total WRWC Budget Remaining \$	228,792.00
Total NDOT Budget Remaining \$	37,669.00



Reportar un Problema

Para reportar derrames, descargas ilegales, conexiones ilícitas o emergencias locales relacionadas al sistema de drenaje pluvial o sanitario favor de mandar un mensaje a Reno.gov/RenoDirect o llama:

City of Reno

Reno Direct: (775) 334-INFO (4636)
Después de horas, Emergencia:
(775) 722-4660

City of Sparks, Spanish Springs and Sun Valley

Control ambiental: (775) 861-4152
Después de horas, Emergencia:
(775) 691-9227

State of Nevada

Departamento de Protección Ambiental de Nevada (NDEP) línea directa: 888-331-6337

Unincorporated Washoe County

Washoe311: 311 o (775) 328-2003



Truckee Meadows Stormwater Permit Coordinating Committee
Reno · Sparks · Washoe County



TMStormwater.com

Truckee Meadows Stormwater Permit Coordinating Committee (SWPCC)

City of Reno | City of Sparks | Washoe County

Email: Stormwater@Reno.Gov
Phone: 775-334-2350

EVITA LA CONTAMINACION LOCAL DE LAS AGUAS PLUVIALES

Mantén nuestro Truckee River limpio!



Este mensaje es traído a usted por:



Truckee Meadows Stormwater Permit Coordinating Committee
Reno · Sparks · Washoe County



Como puedo prevenir la contaminación?

Para reducir su impacto al Truckee river, considere adaptar las siguientes normas:



1 Mantenimiento de su automóvil

- Limpiar derrames
- Utilizar el auto lavado
- Desechar líquidos y desperdicio apropiadamente
- Evitar fugas manteniendo su coche en buen estado



2 Desechar productos químicos correctamente

- Consulte la guía de desecho en: KTMB.org



3 Mejorar el mantenimiento del jardín y el césped

- Conserve el sistema de riego
- No regar en exceso
- Evite hechar o barrer las hojas de su árbol a la calle
- Evite el exceso de fertilizantes y utilice fertilizador orgánico



4 Recoja los desechos de sus mascotas

- Haz tu parte y recógelolo!



5 Evite y reporte descargas ilegales

- Ecurrimiento de sedimento de zonas de construcción
- Todo tipo de agua residual del auto lavado
- Desbordamiento del drenaje sanitario
- Desechar residuos de liquido, tal como:
 - Agua de piscina clorada
 - Agua con suavizador
 - Agua reciclada o regenerada

Visite TMStormwater.com para más información detallada.

Tambien, busque descargas prohibidas u otra actividad relacionada que pueda entrar al sistema de drenaje pluvial y comuníquese con las agencias enumeradas en este folleto. Una vez que se contacte, enviaremos a un inspector para investigar el problema.

Y recuerda, solo lluvia en el desagüe pluvial!



Que es el sistema de drenaje pluvial?

Solo mire hacia afuera!

El sistema municipal de alcantarillado pluvial está compuesto por toda la infraestructura que transporta las aguas pluviales, incluyendo: bordillos y cunetas, tuberías, zanjas y canales.

Las aguas pluviales que no han sido tratadas fluyen hacia los arroyos locales y hacia el Truckee river. Cuando una tormenta azota la región, el alcantarillado pluvial transporta concentraciones de contaminación causadas por la acumulacion de químicos a largo plazo en el río, que terminan en el Pyramid Lake.



DATOS DEL TRUCKEE RIVER



Agua potable

El 80% del agua potable de los clientes de TMWA proviene del río Truckee.



Pyramid Lake – el término del río

El Truckee river desemboca en el Pyramid lake, un lago desértico único en su tipo, con pesca de clase mundial. Este lago también es sensible a la contaminación.



Ecosistema diversificado

Las especies de mamíferos, aves, peces, anfibios, plantas e insectos forman parte del ecosistema del río.



El ecosistema es sensible a la contaminación

El ecosistema del Truckee river es muy sensible a los contaminantes, incluyendo pesticidas, herbicidas y otros químicos peligrosos. Estos contaminantes también pueden enfermar a los humanos.





TRUCKEE MEADOWS PARKS FOUNDATION

AWARENESS • APPRECIATION • STEWARDSHIP

HOME ABOUT US PROGRAMS YOUTH PROGRAMS NATURE STUDY AREA PROJECTS PARKS MEMBERSHIP & GIVING

Caring for the Truckee River: Preventing Local Stormwater Pollution

Truckee Meadows



Stormwater Permit Coordinating Committee
Reno · Sparks · Washoe County

Guest writer Daniel Moss, Project Coordinator for the City of Reno's Utility Services, works to keep our stormwater, and thus watershed, clean. In this week's blog, he reflects on how a recent project to promote stormwater protection tied back to his childhood in an unexpected way. As we move into fall and hopefully a wet winter, the regional Stormwater Permit Coordinating Committee

(SWPCC) has produced a pamphlet titled "Prevent Local Stormwater Pollution" (PDF downloads included at the bottom of this blog, or see the flipbook in English [here](#) and in Spanish [here](#)), to help explain our storm drain system, downstream water resources, common pollutants that can enter waterways, and what you can do to reduce your impact! Please check it out, share it, and grab a paper copy at TMPF's Idlewild office and other environmental organizations in our region.

Public outreach, educating the public about the importance of personal actions each Truckee Meadows resident can take to improve water quality, is a primary mission of the SWPCC. I brought the idea before to the committee in March 2021 and the members unanimously approved development of the "Prevent Local Stormwater Pollution" pamphlet. Personally, I had a great



TMPF Blog



Our Top Posts

Leah Wzientek, Small Business ...

HOW TO BE AN EDUCATED CONSUMER

Rachel Carroll, Communicatio...

TIPS + TRICKS FOR NEVADA STARGAZING



"SSP shows local students how they can be stewards of their parks and open spaces in ways that I never got to experience as a child. This program not only teaches students about science, but allows them to get a fun experience and do some critical thinking along the way."

NEW BLOG POST:

time helping create this pamphlet, adding some color to my routine stormwater-related duties at the City of Reno, such as addressing citizen stormwater issues, holding educational seminars, conducting construction management for stormwater projects, completing engineering plan review, and more. I get a ground view of how much work our local governments (Reno, Sparks, Washoe County, NDEP, and more) put into keeping our stormwater infrastructure and watershed as clean as possible, and for that we can all be grateful. While making the pamphlet, I found myself reflecting on my early childhood memories of rain, stormwater, and a special "engineering solution" I invented for a drainage problem in my neighborhood...



I clearly remember experiencing my first big rainstorms as a child, in the Bay Area Peninsula. Waking up to a stormy day, I'd seek out a good window, and stare at the rain splashing down in our yard, making puddles in interesting new places, turning the dusty orange leaves shiny, and transforming the mossy side of our ash tree into a dark green dripping sponge. It was only a matter of time before my brother, sister, and I would

prepare to explore our rainy new world, pulling on our multicolored rain boots, jackets, and each choosing our favorite umbrella.

I tramped out ahead of the rest, down our neighborhood's endless sidewalks, listening to the rain on the umbrella, and keeping pace with the steady stream of relatively clear water in the gutter, until... I found what I was looking for: "Ah, look, a clogged storm drain! Look at the size of that puddle!" With my trusty red boots, I would wade into these behemoth six-inch-deep puddles, which backed up well into the road, and after locating the metal storm drain grates under my boots, with both feel and intuition, I set about to kicking aside mounds of matted old yellow and brown mulberry leaves (the usual culprit), until the water started to find its way down the drains. Sometimes, I could clear the whole clog with one mighty swipe, and watch the entire puddle swirl down into the unknown depths below, in a minute or less! Such strength, such ingenuity, such a good citizen, I mused to myself... and goodbye puddle!

After a few good satisfying drain uncloggings, per se, it was time to head to the creek -- a giant, 15 foot-deep concrete channel, winding below the backyard fences of the homes on the edge of my neighborhood. Peering down to see how high the water was this time around, it always struck me how chocolatey brown the creek was compared to the relatively clear water I had just spent so much effort unclogging from the streets. As I watched the flow, tennis balls, plastic cups, and chunks of wood inevitably made their way down, and I'd watch them go as far as I could, wondering what was around the bend.

I didn't know much about stormwater quality back then, and the pollutants that affect our waterways, but I think I was starting to learn as I noticed the distinctly different color of the creek and what miscellaneous items flowed

Alex Shahbazi, AmeriCorps Par...

**WHY THE BEST
WAY TO LOVE
ANIMALS IS TO...**

Alayna Wood, Communications...

**SNOWY
ADVENTURES
AROUND TAHOE...**

Jill Richardson, Parks Project Hi...

**UNCOVERING THE
UNIQUE +
SURPRISING...**

Camille Verendia, AmeriCorps ...

**RESTORING
JUSTICE: AN
EXAMINATION ...**



Alayna Wood, Communications...

**PRIORITIZING
EQUITY IN OUR
PARKS: DOING...**



down it. Fast forward 25 years and I'm a Civil Engineer in the City of Reno's Utility Services Department, where I deal with stormwater issues every day. Though Reno might not get rain as often as other places around the county, the storms and runoff we get do make a big impact. Once on the ground, stormwater pollutants (for example: car washing fluids, spilled chemicals, dog poop, fertilizer, excess sediment (dirt), et cetera) will stay put until the one storm, whether that's tomorrow or in five months, that washes everything down to the river all at once, just like that brown creek! So, let's work together to keep pollutants out of our storm drains, and let's keep our Truckee River clean!

Download the 2021 "Prevent Local Stormwater Pollution" Pamphlets Below!

 2021Stormwater-TriFold_11x8.5.pdf
Download PDF • 5.91MB 

 2021Stormwater-Spanish-TriFold_1... .pdf
Download PDF • 6.12MB 

Tags:

Nevada community partners environmentalism reno RenoTahoe stewardship sustainability Truckee Meadows stormwater pollution guest post



Community Partners • Stewardship • Education



Alexandra Sheehan

STEM TO

Spencer Cox, AmeriCorps VISTA

A LAKE, A PARK, AND A COMMUNITY...

Categories

- AmeriCorps (25)
- Stewardship (25)
- Local Trails (12)
- Education (24)
- Adventure (18)
- Wellness (19)
- Plants of the Truckee Meadows (7)
- Hiking (7)
- Compare and Contrast (5)
- Safety and Stewardship (11)
- Artist Showcase (6)
- Community Partners (8)
- Reflection (15)
- Recommended by TMPF (20)
- Sustainability (16)
- Furry Friends (5)
- Wildlife in the Truckee Meadows (11)
- Parks (16)
- Wetland Team (24)
- Gratitude (2)
- Shop Local (0)
- Shop Local (3)
- volunteer highlight (2)
- Diversity, Equity, and Inclusion (2)
- Intersectional Environmentalism (2)
- Park History (1)
- Geology (1)
- Sports (6)
- Plastic Free (3)
- Plants (1)
- Recipes and DIY (1)
- Astronomy/Space (1)



OCTOBER 2021

IN THIS ISSUE

- Turf Talk: Prepare Your Yard For Cold Days
- More Storage Than Ever!
- Smart About Water Quick Fact
- Protecting the Truckee River



SMART ABOUT WATER QUICK FACT:

Water Quality Is Our Highest Priority

TMWA's staff takes pride in the water we deliver to your tap. Every month, we test more than 1,000 samples from over 200 locations throughout our distribution system. You can look up this water quality data for any location in our system by visiting tmwa.com/waterquality. This online reference is frequently updated with the latest test results.

PREPARE YOUR YARD FOR COLD DAYS: IT'S TIME TO CUT BACK WATERING SCHEDULES!

As we start moving through October, temperatures will begin to cool down. When this happens, our plants, trees, and grasses start to transition and need less water. Your watering schedule should cool down to help your landscape naturally go into dormancy.

Begin by reducing sprinkler run times or dropping a day off your weekly watering schedule. Then, as chilly mornings turn into colder days, you can slow down watering to once a week or less. When grass growth slows down, your yard is moving into dormancy for the winter. In this phase, too little water near your root systems is better than too much!

TURF TALK

Your grass is dormant when it has stopped growing. This is when sprinkler systems can be shut off for the winter. Don't forget to drain and disconnect all outdoor hoses and winterize your sprinkler system before the first hard freeze.

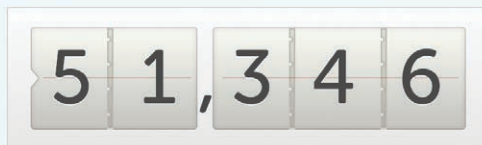
We've created a short video to guide you through the process at tmwa.com/howto. For more tips on landscape watering as the weather gets colder, visit smartaboutwater.com.



MORE STORAGE THAN EVER! CHECK THE STATUS OF OUR DROUGHT RESERVES

Our water supply is secure this year and for the foreseeable future. Because of the Truckee River Operating Agreement that was implemented in 2015, we have more storage than ever. If you would like to check the real-time status of our upstream reserves, please visit TMWA's tracker at tmwa.com/reserves.

Upstream Reserves Stored as of Today (Acre-feet)



Storage held in upstream reservoirs as of Sept. 16.

HOW EVERYONE CAN HELP PROTECT THE TRUCKEE RIVER: ONLY RAIN IN THE STORM DRAINS!

With summertime heat coming to an end, most of us are ready for some rain or snow to fall. When it does, a network of gutters, inlets, pipes, and channels will carry the resulting stormwater runoff into the Truckee River. This massive storm drain system has no filtration and has the potential to carry concentrated pollutants into the river's ecosystem. The Truckee Meadows Municipal Separate Storm Sewer System (MS4) permit, issued by the Nevada Division of Environmental Protection, allows stormwater discharge into the Truckee River. It is allowed by Best Management Practices that are implemented throughout the Truckee Meadows.

The region's storm drain system is cooperatively managed by Washoe County, the City of Reno and the City of Sparks through the Truckee Meadows Stormwater Permit Coordinating Committee. The Committee offers the following best practices we can all do to help protect the river year-round.

POLLUTION PREVENTION CHECKLIST:

Use care when maintaining your landscape.



Runoff from storms or sprinklers brings fertilizer and organic debris to the storm drain system and discharges directly into the river.

Practice proper home auto maintenance.



Prevent fluid leaks and clean-up chemicals that can get washed from your property into streets and gutters.

Pick up after pets.



During walks, or in the yard, pet waste should be bagged and thrown in the garbage to prevent diseases that can harm both people and the river's ecosystem.

Properly dispose of home chemicals and pharmaceuticals.



A complete disposal guide can be found online at Keep Truckee Meadows Beautiful www.KTMB.org. You can drop off unneeded medications at the Prescription Drug Round Up, scheduled twice a year. The next is October 26. See details here: www.jtnn.org.

Report prohibited discharges or clogged drainages.



A helpful page to visit is tmstormwater.com/report. It explains the types of discharges that are harmful to the river's ecosystem. There, you can report discharges and blockages that might be impeding the storm drain system.

This message is brought to you by the Truckee Meadows Stormwater Permit Coordinating Committee. Learn more at www.tmstormwater.com.

WHERE TO CALL

- GENERAL INQUIRIES 834-8080
- EMERGENCY REPAIR 834-8090
- WATER CONSERVATION 834-8005
- WATER QUALITY 834-8118
- WATER RIGHTS 834-8029
- OMBUDSMAN 848-0813

UPCOMING MEETINGS

BOARD OF DIRECTORS: TBA
SEE WWW.TMWA.COM/MEETINGS
FOR UPDATES.

FREE ONLINE EVENTS

RSVP FOR ONE OF TMWA'S UPCOMING WORKSHOPS OR CLINICS. AN UPDATED SCHEDULE CAN BE FOUND AT TMWA.COM/MEETING/



Truckee Meadows Water Authority is a not-for-profit, community-owned water utility, overseen by elected officials and citizen appointees from Reno, Sparks and Washoe County. TMWA employs a highly skilled team who ensure the treatment, delivery and availability of high-quality drinking water around the clock for more than 440,000 residents of the Truckee Meadows.

