Message

From: Green, Richard [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=80B69BE2DC1642FB864B8BFB7F1B875B-GREEN, RICHARD]
Sent: 9/27/2019 1:02:44 AM
To: Adam.DESEMPLE@dhsoha.state.or.us; FIELDS Anthony J [anthony.j.fields@state.or.us]; Emme David H [DAVID.H.EMME@dhsoha.state.or.us]; Jon Unger [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=userfa55d148]; Ed Tabor (Edward.Tabor@oregon.gov) [Edward.Tabor@oregon.gov]
Subject: FW: Warm Springs ... SSDWA 1431 EPA Order - Engineering/Asset Management Study
Attachments: EPA & OR potential funding sources for WS (new version).xlsx

Adam et al,

I'm forwarding this email that I sent earlier today to **Barry Buchanan** the contract engineer working with the Warm Springs Tribes, explaining some of the funding options available to them. If he, or more likely, their grant writer, **Bruce Irwin**, happen to reach out for more information, hopefully you can help them out.

Thanks.

Rick Green, Regional Coordinator
State Revolving Fund
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(206) 553-8504
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From: Green, Richard
Sent: Thursday, September 26, 2019 3:53 PM
To: Barry Buchanan <Barry@buchananandassociates.com>
Cc: Baron, Adam <Baron.Adam@epa.gov>; Alyssa Macy <alyssa.macy@wstribes.org>; Travis Wells <travis.wells@wstribes.org>; Keith Whisenhunt <keithw@pdgnw.com>; bruce.irwin@wstribes.org
Subject: RE: Warm Springs ... SSDWA 1431 EPA Order - Engineering/Asset Management Study

Barry et al,

Thanks very much for checking in about funding. I'm cc'ing Bruce Irwin on this reply, since he and I also chatted about funding.

First, thank you very much for your engineering skills and leadership in helping to identify and implement reasonable and effective fixes to the many infrastructure challenges in Warm Springs. I found your walk-thru explaining the details of some of those challenges and how they're being addressed to be extremely useful.

Second, we do have funding available for the type of pre-project work that you describe.

One possible **grant** resource that would be available in the near term is through the Drinking Water State Revolving Fund (DWSRF). This program, funded by EPA but delegated to the state of Oregon, offers low interest loans for infrastructure projects AND set-asides (aka grants). The DWSRF loans and set-asides can be used to fund this type of pre-project work, and in fact Oregon has a program called SIPP, which stands for Sustainable Infrastructure Planning Projects. They specifically call out feasibility studies, asset management plans, water rate analysis, leak detection studies, and water system master plans as examples of what they are seeking to fund, and have quarterly application submittal deadlines. Here's a link to information about that program:

https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/SRF/Pages/sipp.aspx

An additional resource that will be available in the relatively near term is the new WIIN Section 2104 Small and Disadvantaged Communities grant program. There's a small pot of funding ($216,000) for Tribes in Region 10 (Alaska, Idaho, Oregon and Washington) and a larger pot of funding for the state of Oregon ($556,000). This funding can be used for drinking water infrastructure projects in small and disadvantaged communities, as well as "technical assistance to facilitate compliance with national primary drinking water regulations..." for that same class of community. Warm Springs is eligible to apply for both sources of funding; we discussed this program during the breakout session on drinking water. More information about both Section 2104 SDC grant programs, as well as other EPA or State of Oregon grant or loan funding options, can be found in the attachment.

Finally, please make sure to coordinate with Adam on what needs to be included in the engineering/AM study with respect to the 1431 order.

Please let me know if you have any other questions.

Thanks.

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From: Barry Buchanan <Barry@buchananandassociates.com>
Sent: Wednesday, September 25, 2019 5:48 PM
To: Green, Richard <Green.Richard@epa.gov>
Cc: Baron, Adam <Baron.Adam@epa.gov>; Alyssa Macy <alyssa.macy@wstribes.org>; Travis Wells <travis.wells@wstribes.org>; Keith Whisenhunt <keithw@pdgnw.com>
Subject: Warm Springs ... SSDWA 1431 EPA Order - Engineering/Asset Management Study

Rick:

Thank you for speaking with me yesterday at the Warm Springs Funding Summit. I wished to follow up with you re. the opportunity for funding of the Engineering/Asset Management study required by the May 23rd, 2019 EPA Order.

If I understood you correctly EPA and the State have a joint funding program available for Asset Management studies, which is what we interpret as one of the requirements of the EPA Warm Springs Order.

It is our intention to undertake (given the funding) a study that would include, but not be limited to:

1) The establishment of a Water System Asset Register
2) Determination and agreement of Levels of service
3) Establishing the State of the Asset judged against the required LoS, specifically the prime failure modes: Capacity, Condition, Compliance, and Efficiency (3CE)
4) Determination of the assets' criticality and their associated risk profiles to establish urgency and priority
5) Identify appropriate risk management; avoidance, minimization, mitigation strategies
6) Determine appropriate Least Life Cycle Cost solutions for the identified issues
7) Establish a whole of life Asset Management Plan including CapEx and Opex implementation, continuous improvement, programs.

I would appreciate an opportunity to visit with you or for you to pointed me the right direction to understand the requirements and availability of the study grant.

Please let me know your availability for a discussion in near future.

Kind regards
bb.

Adam … I spoke briefly with Dan yesterday and he ask that we keep you apprised of anything we do in association with the Warm Springs EPA Order.

He also agreed that now we are being engaged by the WS TRIBES to Program Manage the HUD and BIA funds for the rectification of items at the WTP it would be appropriate for us to be involved in your weekly meeting with Travis and Chico.

Your thoughts?
bb.

Barry Buchanan, P.E.
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