

City of Moscow Well No. 10 Environmental Information Document

Draft



City of Moscow Public Works Department
March 2013

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Prepared by:

City of Moscow Public Works Department
P.O. Box 9203
Moscow, Idaho 83843

City of Moscow Well No. 10 Environmental Information
Document
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Project Applicant: City of Moscow, Idaho
Nancy J. Chaney, Mayor
Les MacDonald, P. E., Public Works Director
P.O. Box 9203
Moscow, Idaho 83843
208-883-7034

Project Contact: Kyle Steele
Environmental Compliance Coordinator
City of Moscow, Idaho
201 N. Main Street
Moscow, Idaho 83843
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Project Cost and Funding:

Well No. 10 Improvements Project	Cost Opinion
Well No. 10 Development	\$1,400,000
Well House Facility, Pump & Motor	\$1,000,000
Transmission Line Installation & Repairs	\$300,000
Total Project Cost	\$2,700,000

The proposed project consists of a new well, well house facility, and associated transmission lines at a cost of \$2,700,000. The current average residential user rate is \$32.19 per month; approximately \$1.45 per month of the current average residential user rate is devoted to the debt retirement.

The Moscow City Council adopted a Capital Improvement Program (CIP) and new rate structure which included the proposed Well No. 10 and associated

water main improvements in 2005. The CIP fund has a balance that could currently self-fund this project. Also, in each budget year since that time, the City Council has adopted new water rates in support of the CIP and a “Water Capital Improvements Fund” which includes specific funding for the proposed project. The average residential user rate will not increase as a result of this project.

Project Abstract:

The City of Moscow, Idaho owns and operates a municipal public drinking water system. The system’s water production facilities consist of five (5) active wells. The largest of these—Well No. 9—amounts for approximately 35% (based on 2006-2008 average data) of the production capacity of the system. In the summers of 2001 and 2012, the motor for Well No. 9 failed. This resulted in the well being offline for several months during the highest demand of the year, the irrigation season.

In January 2012, the Moscow City Council adopted the “City of Moscow Comprehensive Water System Plan”. The plan contains nine (9) chapters and was approved by the Idaho Department of Environmental Quality (DEQ) on December 30, 2011 (enclosed).

Chapter 7, System Analysis, of the plan provides an evaluation of the system’s ability to meet current and projected water supply needs, as well as source and storage capacity needs in relation to the Idaho Department of Environmental Quality Rules, IDAPA 58.01.08, “Idaho Rules for Public Drinking Water Systems.” According to DEQ planning requirements (IDAPA 58.01.08, Subsection 501.17), under normal operating conditions, with any source out of service, the remaining source or sources shall be capable of providing either peak hour demand of the system, or maximum day demand (MDD) plus equalization storage demand for the year.

As stated in subsection 7.1.2., Source Capacity Evaluation, assuming all five wells are on-line, the total current source capacity is sufficient to meet demands through 2030. However, assuming the largest source—Well No. 9—is out of service, there will be a source capacity deficiency of approximately 0.5 million gallons per day (mgd) in 2015. This deficiency increases to 1.6 mgd by 2030, without additional source capacity being developed.

Therefore, the City is planning the development of an additional groundwater source—Well No. 10—to ensure that the system is able to continue to meet needs through the 20-year planning horizon, as well as the reliability and redundancy requirements contained within the state rules. The proposed Well No. 10 will be sized to match the current capacity of Well No. 9. Well No. 10 will initially operate as a redundant supply to No. 9, utilizing the same water rights. In

2009, the City was successful in modifying the existing water right for No. 9 to include a second point of diversion, which will be No. 10.

This Environmental Information Document (EID) includes a summary of the findings from the comprehensive plan and provides additional information regarding how the recommended Well No. 10 project may affect the environment and cultural resources.

Alternatives Studied:

Two alternatives for addressing the imminent source capacity deficiency identified in the Comprehensive Plan are summarized below.

1. **No-Action Alternative:** IDAPA 58.01.08.501.17. states in part, “Under normal operating conditions, with any source out of service, the remaining source(s) shall be capable of providing either the peak hour demand of the system or a minimum of the maximum day demand plus equalization storage.”

If the City does not develop a new high capacity well similar in size to Well No. 9, the water system is projected to be out of compliance with the state code by 2015, due to the lack of a redundant water supply and the ability to meet reliability and emergency operation standards. Consequently, the City would be unable to approve any additional new water connections.

Also, the City would be subject to potential enforcement actions by the Idaho Department of Environmental Quality (DEQ) for non-compliance. As such, the “No Action Alternative” is not a feasible alternative.

2. **Well No. 10 Development Alternative (Action Alternative):** This alternative includes the development of a new high capacity municipal well, well house facility, and the installation of an additional 880 feet of 16 inch transmission main to convey source water from the well site to existing mains near Well No. 9. The proposed Well No. 10 site—which the City currently owns—has been approved by DEQ (see Appendix A) and is shown in Figure 1. This project is estimated to cost \$2,700,000 and has the following advantages and disadvantage.

Advantages:

- Development of a redundant ground water source similar to Well No. 9 will ensure that system demand can be met through the 20-year planning horizon, and maintain compliance with state code requirements.
 - Locating the new well in close proximity to Well No. 9 and near existing transmission mains reduces the environmental impacts associated with transmission main installations, and results in reduced project costs. This project will improve water circulation in the area, and will reduce excavation requirements along the existing road corridor.
-

- The City of Moscow currently owns the proposed well site. The well site has been approved by DEQ.
- Drinking Water Source Protection: The relative high elevation of the well site and its location away from the existing flood plain of Paradise Creek and potential land uses that could jeopardize source water quality makes it an ideal site.
- Due to the close proximity to Well No. 9, Well No. 10 is assumed to yield a similar volume of water (approximately 2350 gallons per minute) and water quality of Well No.9, which is suitable without additional treatment improvements.
- The proposed Well No. 10 site is in close proximity to the potential new two million gallon water tank reservoir identified in the Comprehensive Plan (Project No. ST-2).

Disadvantage:

- Location of the well is on the west side of town, which is currently further away from the City's storage tanks.

A comparison of the potential environmental impacts of the alternatives is summarized in Table 1. Although the No-Action alternative appears to have few environmental impacts, it poses several risks to the community as discussed above. Since No-Action does not address the risk of non-compliance with Idaho Department of Environmental Quality Rules, IDAPA 58.01.08, "Idaho Rules for Public Drinking Water Systems," it is not considered a feasible alternative.

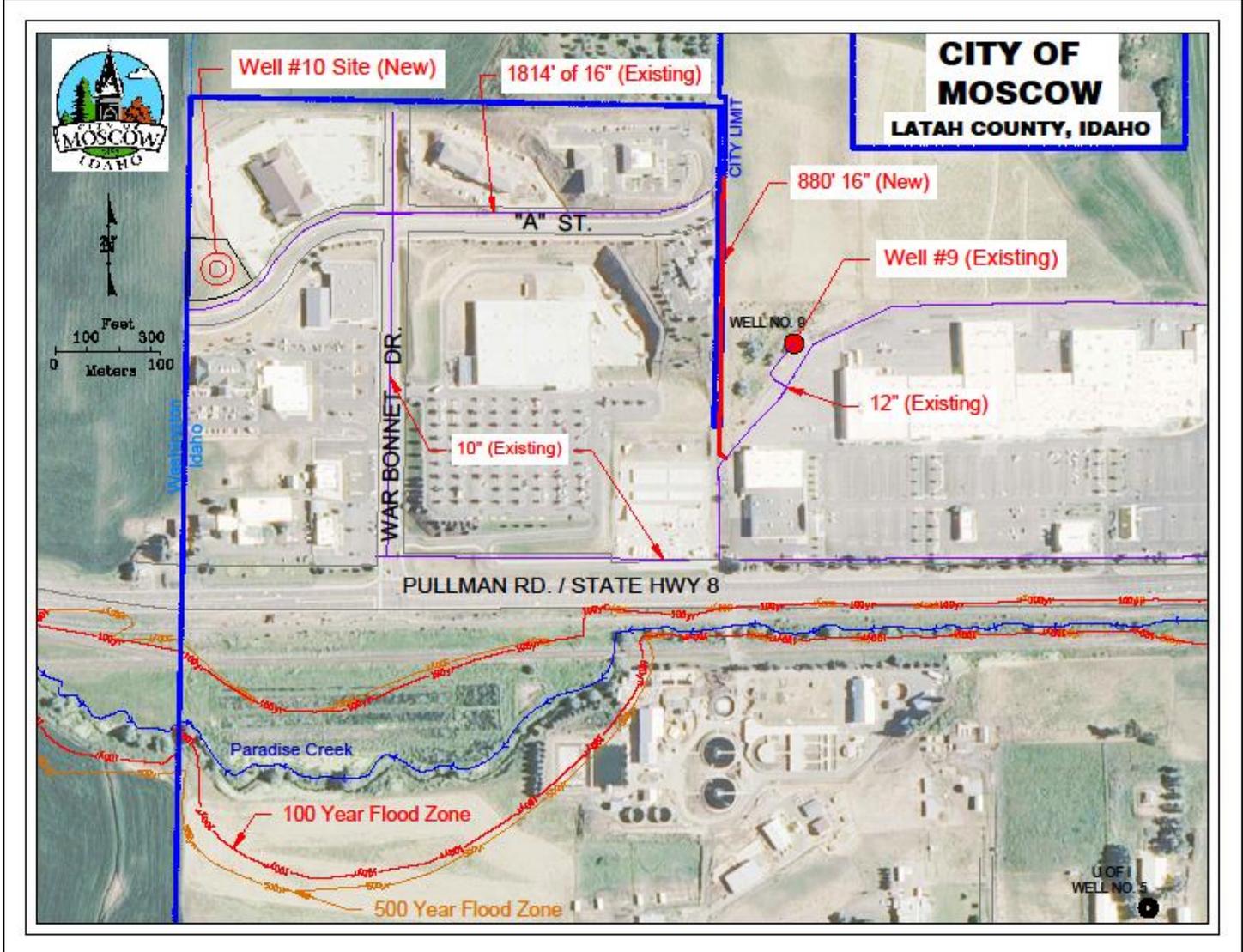


Figure 1. Proposed Well No. 10 Development Site

Table 1. City of Moscow Water System Improvements: Environmental Screening Criteria.

Environmental Criteria	No-Action Alternative	Well No. 10 Improvements
Climate/Physical Aspects	No Impact	Excavation will be required for development of the new well and installation of transmission lines; less excavation due to proximity to existing lines and Well No. 9
Population, Economic, and Social Profile	Likely future detrimental effect on socioeconomic sustainability of community; risks of non-compliance	No adverse impact; improvements incorporated into existing rate structure
Land Use	Likely potential effect on future development and structures	No adverse impact
Floodplain Development	No impact	No impact
Wetlands and Water Quality	No impact	No impact
Wild & Scenic Rivers	No impact	No impact
Cultural Resources	No impact	No impact
Flora and Fauna	No impact	No impact
Recreation/Open Space	No impact	No adverse impact
Agricultural Lands	No impact	No adverse impact
Air Quality	No impact	No adverse impact
Energy	No impact	No adverse impact
Public Health	No impact	Positive long-term impact

Project Planning Area and Area of Potential Impacts

The proposed project planning area boundary is shown in Figure 2. The project planning area is the administrative boundary of the city and equivalent to the city area of impact. The area of potential effects is limited to the construction zone (i.e. project site) where Well No. 10 will be developed, the well house facility will be constructed, and associated transmission lines will be installed.

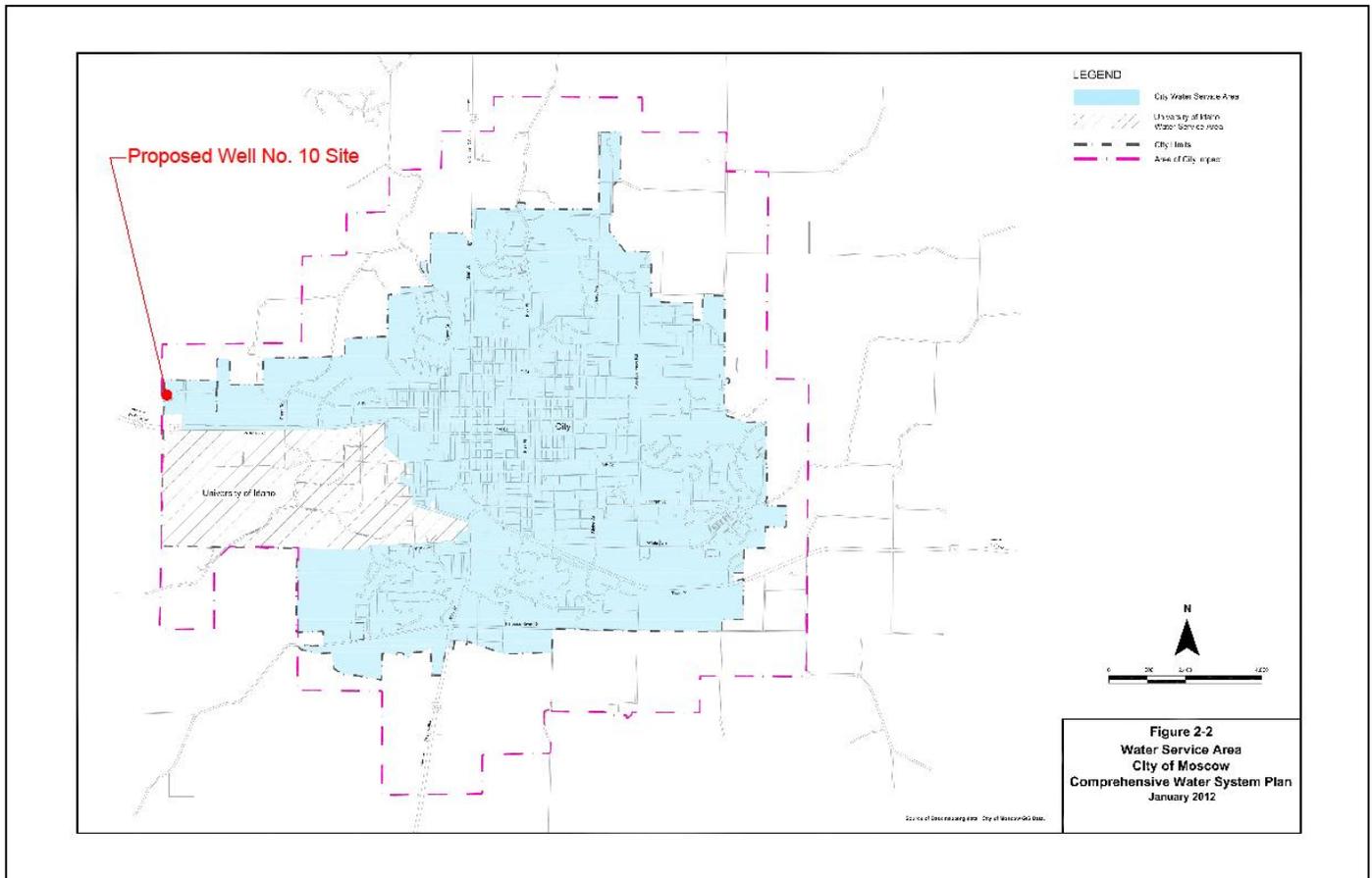


Figure 2. Proposed Project Planning Area

Project Features

The Well No. 10 Improvements Project includes the development of a new high capacity well similar in size to Well No. 9, well house facility, and installation of 880 feet of 16 inch transmission main, which will convey source water from the well site to existing mains near Well No. 9.

Water Demand Projections

As noted in Section 7.1.2 of the Comprehensive Plan, the City's existing well supplies are capable of meeting system needs through the 20-year planning horizon, under the assumption that all sources (currently five wells) are operable. However, DEQ requires consideration of source capacities under the condition of the largest source being out of service, or inoperable. In such a scenario (e.g., Well No. 9 not available), the City would have a source of supply deficiency by 2015 (i.e., existing source capacity, less the largest source, is not capable of meeting maximum day demand in 2015). Therefore, the City must plan for additional source capacity to ensure that system reliability and redundancy in the near term can be met as required by state code.

Environmental Features Affect by the Proposed Project

1. **Physical Aspects (topography, geology, soils):** There are no physical conditions that might be adversely affected by or adversely affect construction of Well No. 10. There are no unusual or unique geological features in the vicinity (see photo on corresponding page) that might be affected by or that would affect the project.

The main soil units in the project area include Latahco-Thatuna Silt Loams, on 0-5% slopes, and Naff-Palouse Silt Loams, on slopes from 7-25%. Sloughing is not likely to result during project construction; however, silt fencing and other sediment management measures will be implemented to restrict runoff from the site.



Proposed Well No. 10 Site looking North (Site Owned by City of Moscow, ID)

2. **Climate:** Climatological data from the Western Regional Climate Center—based on a period of record from June 1998 to December 2008—for the Moscow-Pullman Airport (nearest weather station) is presented in Table 2 below. There are no unusual or special meteorological limitations in the project area that would result in an air quality problem due to the project, or affect the feasibility of the proposed project from being developed.

Table 2. Climatological Data for Moscow-Pullman Airport (Western Regional Climate Center, 2012).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg. (year)
Rainfall, in.	1.72	1.21	1.62	0.99	1.16	0.09	0.24	0.51	0.62	1.05	2.06	1.78	13.87
Avg. Max Temp, ° F	37.2	41.2	49	56.1	64.4	71.5	83.7	82.9	73.6	59.3	45	36.3	58.3
Avg. Min Temp, ° F	26.8	27.9	32.3	35.4	41.6	45.9	49.8	48.8	43.2	35.8	31.5	25.9	37.7

3. **Population:** Moscow's population has an annual historical growth rate of 1.42%. Moscow's population is expected to increase from 24,329 (2007) to over 30,000 by the year 2030. The 1.42% annual population growth rate is less than the 1.52% annual project statewide growth rate, and thus the population supported by the project is not excessive according the SERP criteria (IHS Global Insight, *Idaho Population Projection 1961-2042*, October 15, 2012). Based on the demand forecast developed in Section 4.1 of the Comprehensive plan, continued growth at more than one percent will result in an increase in the average daily consumption of approximately one million gallons among the different sectors by 2030.
4. **Flow Projections:** As shown in section 7.1.2 of the City's Comprehensive Water System Plan, the current maximum day demand (MDD) in 2008 was approximately 4.8 million gallons per day (mgd). The project MDD at the 20-year planning horizon (year 2030) is expected to be 6.6 mgd. It is estimated that the supply currently available with Well No. 9 in-service is 8 mgd, and the supply without Well No. 9 is approximately 5 mgd. With the development of Well No. 10, and Well No. 9 out of service, the supply available will be 8 mgd, which will be sufficient to meet the MDD in 2030.

The proposed Well No. 10 will be sized to match the current capacity of Well No. 9. Well No. 10 will initially operate as a redundant supply to No. 9, utilizing the same water rights. In 2009, the City was successful in modifying the existing water right for No. 9 to include a second point of diversion which will be No. 10.

5. **Environmental Justice, Economics, and Social Profile:** Based on the most recent census (2010), about 29% of persons in Moscow were below the poverty level. The median household income (2006-2010) was \$29,521 (<http://quickfacts.census.gov/qfd/states/16/1654550.html>).

The proposed project will generally tend to improve overall land values in the City because it will increase reliability and efficiency in system operations to the entire City, allowing for future residential and commercial growth to occur. No minority or low-income disadvantages groups will be adversely impacted. Also, as noted before, average monthly user rates will not increase as a result of this project.

6. **Land Use:** The proposed project will generally make possible future additional residential and commercial growth in the City. The City of Moscow has established land use guidelines, policies, and ordinances to manage growth in areas of the City (see Figure 3 from the Moscow Comprehensive Land Use Plan, 2009). While the project is being developed to increase reliability and redundancy of the system to meet customer needs, it will not directly impact future land use decisions or patterns.

7. **Floodplain:** All of the proposed new features of this project (see Figure 1) are outside the 500-year flood plain on the current Flood Insurance Rate Map (1600900002D, April 15, 2002 or later).

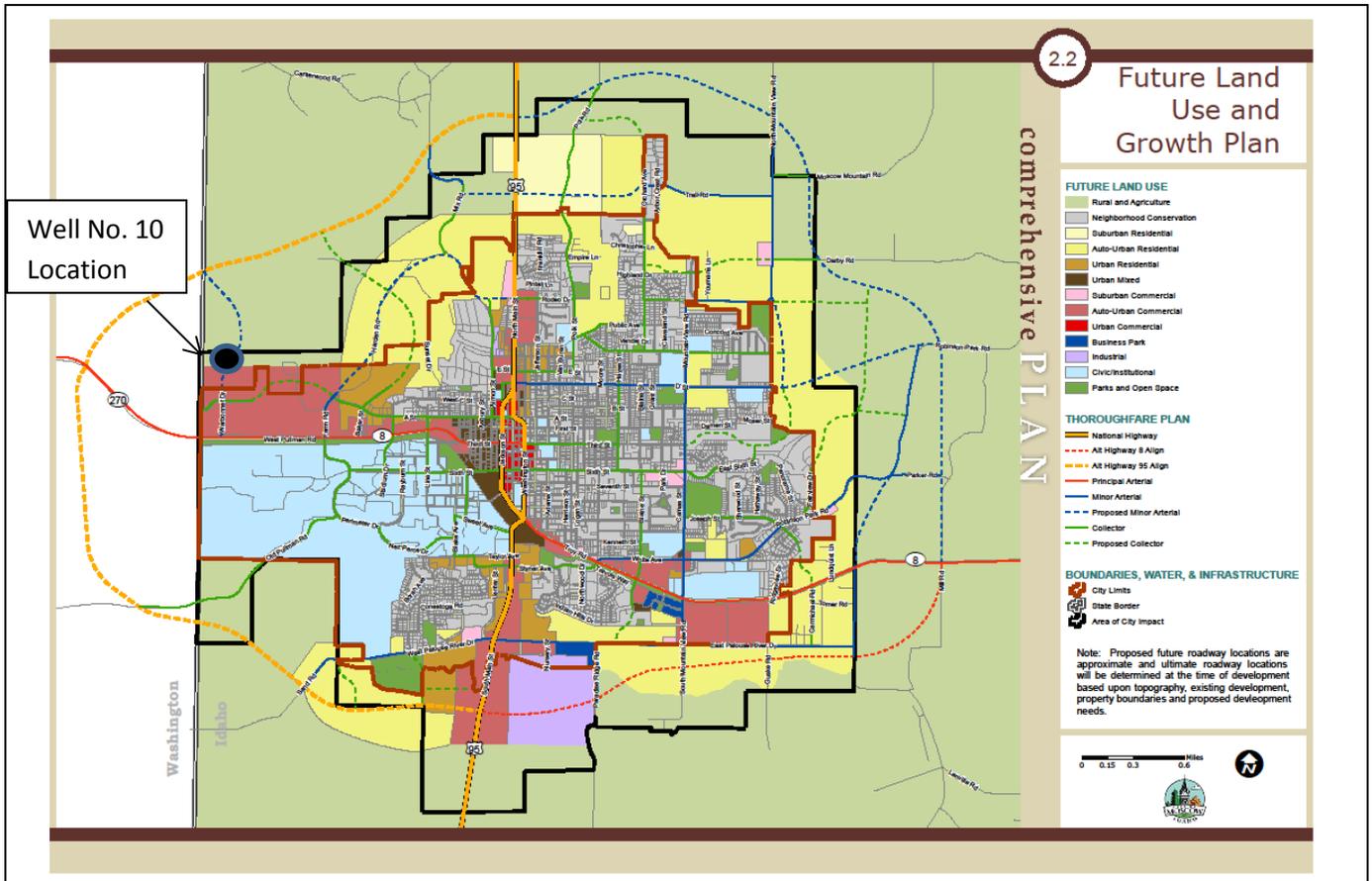


Figure 3. Future Land Use and Growth Plan (Moscow Comp Land Use Plan, 2009)

8. **Wetlands:** Based on the project location (upland of Paradise Creek) and correspondence with the Army Corps of Engineers, there are no Waters of the U.S. (i.e., Wetlands) located within the project area (see Figure 4 below).



Figure 4. National Wetlands Inventory Map

9. **Wild and Scenic Rivers:** There are no wild/scenic rivers in the area as documented at: <http://www.rivers.gov/rivers/idaho.php>.
10. **Cultural Resources:** Based on correspondence with the State Historic Preservation Office, through a Section 106 Evaluation, it was concluded that no historic properties were identified within the project, no historic properties will be

affected, no additional investigations are recommended, and that the project can proceed as planned (see Appendix A).

If archeological artifacts (such as beads, arrow heads, pottery, fabric, grave goods, glass, metal fragments or other human made objects that appear to predate 1960) or human remains (such as bones, bone fragments or teeth) are inadvertently discovered during construction, ground disturbing activities shall cease and the State Historical Preservation Officer (SHPO), the Nez Perce Tribe and the Coeur d'Alene Tribe shall be notified. They can be reached by telephone at (208) 334-3847, (208) 621-3851 and (208) 686-1572, respectively. Mitigation measures will be implemented as directed by SHPO and the Tribes, and work will not resume at the discovery site without their consent. If human remains are discovered, in addition the Moscow Police Department and the Latah County Coroner will be contacted after SHPO at (208) 882-2677 and (208) 883-2248, respectively, and work will not resume until law enforcement has also released the site.

11. **Flora and Fauna:** Species listed within Latah County as of November 26, 2012 (list enclosed) include: Canada Lynx (T), Yellow-Billed Cuckoo (C), Spalding's catchfly (T), Water howellia (T), and North American Wolverine (C).

There will be "no effect" to the Canada lynx (*Lynx canadensis*) or their critical habitat because there will be no work planned outside the area of land currently owned by the city, or the existing roadway prism. There will be no adverse modification of their habitat as a result of this project.

There will be "no effect" to the Yellow-Billed Cuckoo (*Coccyzus americanus*) or their critical habitat because there will be no work planned outside the area of land currently owned by the city, or the existing roadway prism. There will be no adverse modification of their habitat as a result of this project.

There will be "no effect" to Spalding's catchfly (*Silene spaldingii*) because there will be no work planned outside the area of land currently owned by the city, or the existing roadway prism. There will be no disturbance of the natural environment or adverse modification of the adjacent vegetated slopes as a result of this project.

There will be "no effect" to Water howellia (*Howellia aquatilis*) because there will be no work planned outside the area of land currently owned by the city, or the existing roadway prism. There will be no disturbance of the natural environment or adverse modification of the adjacent vegetated slopes as a result of this project.

There will be "no effect" to the North American Wolverine or their critical habitat as a result of this project, because there will be no work planned outside the area

of land currently owned by the city or the existing roadway prism. There will be no adverse modification of their habitat as a result of this project.

12. **Recreation and Open Space:** This project will not eliminate or modify recreational open space, parks, or areas of recognized scenic or recreational value. The proposed project is such that it is not feasible to combine the project with parks, bicycle paths, hiking trails, waterway access, or other recreational uses. In addition, the well site must meet the minimum distances requirements contained in IDAPA 58.01.08.900.

13. **Agricultural Lands:** The proposed site is currently owned by the City. The proposed installation of new transmission pipeline will be within existing or future rights-of-ways. Therefore, this project will not involve the conversion of existing farmland to other uses.

14. **Air Quality:** There will not be any direct air emissions from the project that will not meet federal and state emission standards contained in the air quality state implementation plan, nor will the project violate national ambient air quality standards in an attainment area. The City of Moscow is in an attainment area (see Figure 5). The proposed water facility will not cause odor or noise nuisance problems.

It is anticipated that there will be temporary increased noise and dust pollution during construction of the proposed improvements which will be minimized through the use of best management practices, including utilizing sufficient water equipment for dust control.

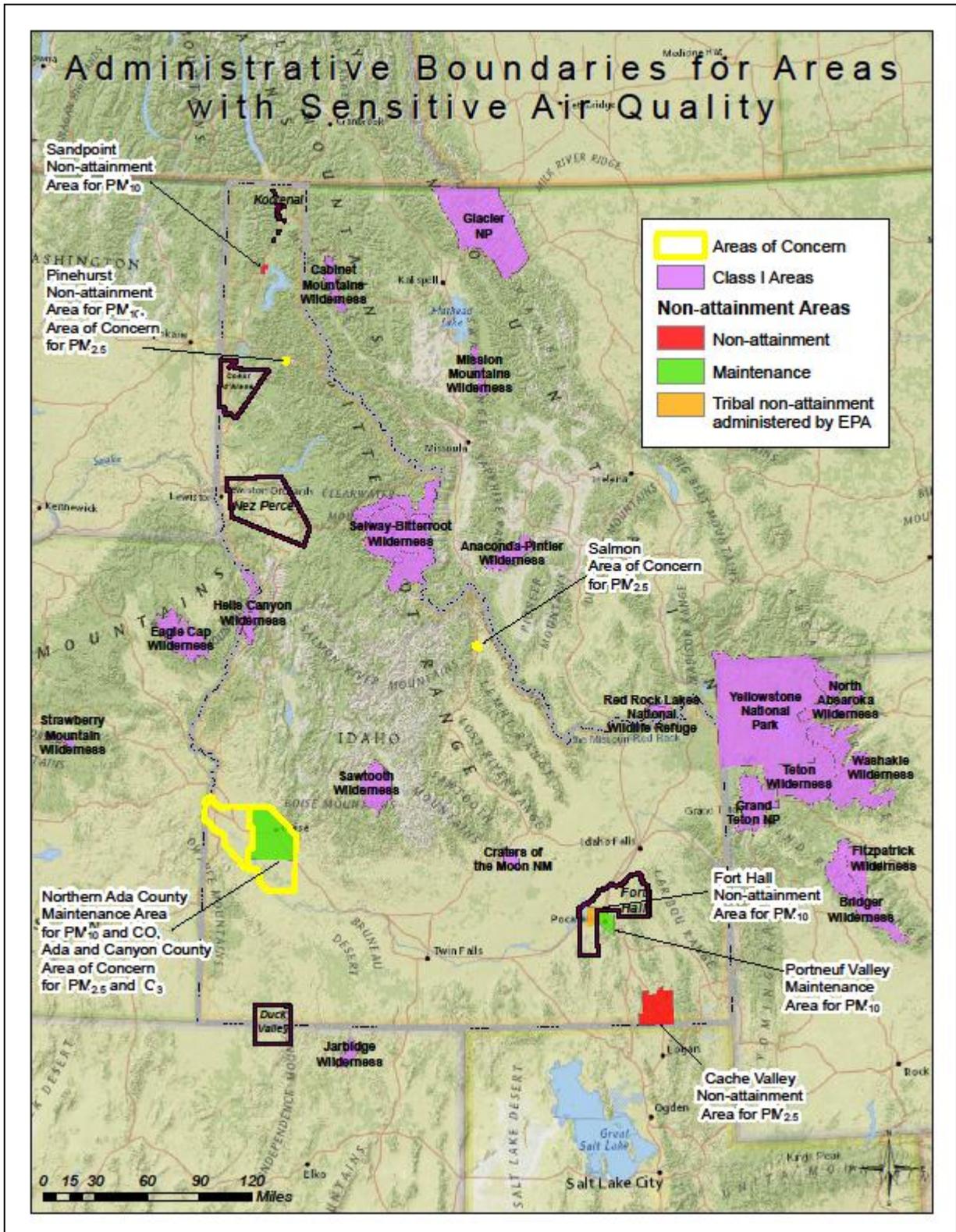


Figure 5. Idaho Air Quality Planning Areas Map

15. **Water Quality:** Drilling and development of Well No. 10 will require compliance with the State of Idaho well drilling and well construction standards rules. The City currently has five active production wells (Nos. 2, 3, 6, 8, and 9). The City received approval from the Idaho Department of Water Resources (IDWR) on January 27, 2009, for a Transfer of Water Right No. 87-7069 to add an additional point of withdrawal, which the City identified as Well No. 10. Well No. 10 will be used for redundant purposes, and will not have a significant adverse impact on the Grande Ronde Aquifer (see 2.1.2 of the Comprehensive Water System Plan).
16. **Public Health:** There will be no adverse noise impacts, vector problems, or other unique health problems (such as increased disease risk) as a result of this project. The proposed improvements will maintain and improve public health and safety by providing a redundant water supply similar in size to Well No.9, and maintaining and improving fire protection to the residents of Moscow.
17. **Energy:** The existing water system utilizes electrical energy for pumping water throughout the system. Electricity consumption will not increase, and may actually be reduced, as a result of this project, because Well No. 10 will be operated most likely by a Variable Frequency Drive (VFD) unit as funding allows. As part of the City's overall sustainability efforts, the Water Department is gradually converting pumping facilities to a VFD unit to conserve energy and improve system performance. As mentioned above, this project is being developed to provide for system reliability and redundancy, not to increase overall consumption.
18. **Regionalization:** There are no anticipated interstate issues associated with this project. The City is planning the development of an additional groundwater source—Well No. 10—to ensure that the system is able to continue to meet needs through the 20-year planning horizon, and the reliability and redundancy requirements contained within the state rules. There are no current interstate agreements that will be affected by the development and implementation of Well No.10.

Environmental Impacts of the Proposed Well No. 10 Improvements Project

There are not any anticipated adverse direct or indirect, long-term or cumulative impacts on natural or manmade features as a result of the Well No. 10 Improvements Project (see Table 3). There will be short-term impacts to areas adjacent to the proposed well site and transmission main installations during construction; but, they will be mitigated by the implementation of best management practices (such as dust and noise control, and stormwater runoff controls) during construction as shown in Table 3.

Table 3. Environmental Impacts and Mitigation Measures of the Proposed Project.

Environmental Criteria	Well No. 10 Improvements	Mitigation Measure(s)
Climate/Physical Aspects	Excavation will be required for development of the new well and installation of transmission lines; less excavation due to proximity to existing lines and Well No. 9	Construction will comply with the EPA Construction General Permit (CGP) and a Stormwater Pollution Prevention Plan (SWPPP) will be developed to mitigate site-runoff; additional stormwater BMPs will be implemented as necessary on-site.
Population, Economic, and Social Profile	No adverse impact; improvements incorporated into existing rate structure	None
Land Use	No adverse impact	Compliance with the CGP and SWPPP's.
Floodplain Development	No impact	None
Wetlands and Water Quality	No impact	None
Wild & Scenic Rivers	No impact	None
Cultural Resources	No impact	None; will consult with agencies described as needed.
Flora and Fauna	No impact	None
Recreation/Open Space	No adverse impact	None
Agricultural Lands	No adverse impact	None
Air Quality	No adverse impact	Dust Suppression; Compliance with CGP
Energy	No adverse impact	None

Public Health	Positive long-term impact	None
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Public Participation

In January 2000, the Moscow City Council authorized the purchase of the proposed Well No. 10 site. Public meetings where the specific location for the construction of a future municipal well was discussed (see Appendix B, Council Meeting Minutes from January 24, 2000). The property purchased contained a condition that the “parcel be used solely for a city well site” (see Appendix B, Letter from Paul Agidius, Attorney at Law).

In 2005, the City Council adopted a Capital Improvement Program (CIP) which included proposed Well No. 10 and the associated water main improvements. Also in 2005, the City Council implemented a new rate structure in support of the adopted CIP. In each budget year since that time, including 2012, the City Council has adopted new water rates in support of the CIP and a Water Capital Improvements Fund which includes specific funding for the proposed project. All of these actions involved public hearings at which interested citizens and rate payers were invited to attend and provide testimony regarding the proposed project.

The City of Moscow Comprehensive Water System Plan specifically discusses the proposed Well No. 10 project throughout the document, and highlights the capital project as the number one alternative to meet the redundancy and reliability needs that the city must address in the near future to maintain compliance with the state rules. As the City of Moscow Comprehensive Water System Plan was being developed and finalized for adoption, the public and City Council were updated on the status and findings of the report at five (5) public meetings (January 24, 2011, June 13, 2011, October 17, 2011, December 12, 2011, and January 3, 2012). At the Public Works-Finance Committee meeting on January 24, 2011, a presentation was given that included multiple figures identifying the planned proposed well No. 10 site, and discussion occurred regarding future planning and the Capital Improvement Plan (see Appendix B, included is a Powerpoint Presentation and meeting minutes). No public comments were received during these public meetings. A public comment period on the Plan was announced on October 17, 2011 and concluded on November 7, 2011. The only comments received were from the council and DEQ. At a City Council meeting on January 3, 2012, the City Council adopted the City of Moscow Comprehensive Water System Plan.

Agency Consultation (see Appendix A for responses)

Agency	Response	Date of Response
IDEQ	Well Site Approval	Anna Moody: July 25, 2012
U.S. Army Corps of Engineers	Does not appear to be Waters of the U.S. within project boundary	Beth Reinhart: January 12, 2012
National Marine Fisheries Service	No Comment: Not located within anadromous fisheries habitat	Personal Communication with Dale Brege: January 9, 2012
U.S. Fish and Wildlife Service	No effect on T/E species because the project is not located within T/E species habitat	Personal Communication with Clay Fletcher: January 11, 2012
Idaho State Historic Preservation Office (SHPO)	No additional investigations are recommend; project can proceed as planned	Susan Pengilly: April 5, 2011

References

1. City of Moscow Comprehensive Water System Plan (adopted 2012).
2. City of Moscow Comprehensive Land Use Plan (2009).
3. Idaho Governor’s Office of Species Conservation: <http://species.idaho.gov/>
4. 2010 Census Data: <http://quickfacts.census.gov/qfd/states/16/1654550.html>
5. Western Regional Climate Center: www.wrcc.dri.edu/
6. NRCS Web Soil Survey: <http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm>
7. National Wild and Scenic Rivers System: <http://www.rivers.gov/rivers/idaho.php>
8. Dale Brege, National Marine Fisheries Service, Personal Communication (2012).
9. Clay Fletcher, U.S. Fish and Wildlife Service, Personal Communication (2012).
10. IHS Global Insight, *Idaho Population Projection 1961-2042*, October, 15, 2012.
11. US Fish and Wildlife Service Wetland Mapper: www.fws.gov/wetlands/Data/Mapper.html
12. Idaho Air Quality Planning Areas Map: www.deq.idaho.gov/attainment-nonattainment

Appendix A



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1118 F Street • Lewiston, Idaho 83501 • (208) 799-4370

C.L. "Butch" Otter, Governor
Curt Fransen, Director

July 25, 2012

Kyle Steele
Moscow Water Department
P.O. Box 9203
Moscow, Idaho 83843

Subject: City of Moscow Well #10 Site Evaluation and Approval, PWS # ID2290023

Dear Kyle:

This letter is to inform you that the proposed well site for the City of Moscow public drinking water system's Well #10 has been approved by the Idaho Department of Environmental Quality (DEQ). The well sites appear to meet minimum required set back distances from potential sources of contamination outlined in the *Idaho Rules for Public Drinking Water Systems* (IDAPA 58.01.08). Table 1 (IDAPA 58.01.08.900) displays the potential sources of contamination and minimum distances evaluated.

Table 1 -- Minimum Distances From a Public Water System Well.

Minimum Distances from a Public Water System Well	
Gravity wastewater line	50 feet
Any potential source of contamination	50 feet
Pressure wastewater line	100 feet
Class A Municipal Reclaimed Wastewater Pressure distribution line	50 feet
Individual home septic tank	100 feet
Individual home disposal field	100 feet
Individual home seepage pit	100 feet
Privies	100 feet
Livestock	50 feet
Drainfield - standard subsurface disposal module	100 feet
Absorption module - large soil absorption system	150 - 300 feet, see IDAPA 58.01.03
Canals, streams, ditches, lakes, ponds and tanks used to store non-potable substances	50 feet
Storm water facilities disposing storm water originating off the well lot	50 feet
Municipal or industrial wastewater treatment plant	500 feet
Reclamation and reuse of municipal and industrial wastewater sites	See IDAPA 58.01.17
Biosolids application site	1,000 feet

Mr. Kyle Steele
July 25, 2012
Page 2

On July 19, 2012, I met with you and Gary Smith to evaluate the proposed site for Well #10. The Well #10 site is located north of State Highway 8 off of "A" street, 96 feet east of the Washington State line. Enclosed with this letter are:

- A hand-drawn map with set-back distances and approximate coordinates for the site that was marked with a stake at the time of our visit;
- The City of Moscow Well site Vicinity Maps; and
- Photographs of the site.

The Well #10 location appears to be acceptable for a public water system well and you may proceed with design. However, please note that if the proposed site is moved any distance from the originally staked location, a DEQ representative must evaluate the new location.

Please do not hesitate to contact me if you have questions or comments. I may be contacted by phone at (208) 799-4370 or by email at anna.moody@deq.idaho.gov

Sincerely,



Anna Moody
Drinking Water Analyst

Enclosures (4)

cc: Gary Smith, Water Production Lead
Les MacDonald, P.E., Public Works Director
Tom Scallorn, Water-Wastewater Manager
David Richardson, Utility Operations Supervisor
Mike Camin, P.E., DEQ Regional Engineering Manager
Drinking Water System File, HP TRIM

Well site

GWUDI FIELD SURVEY

PWS # 2290023

System Name: MOSCOW, CITY OF

Source Name: Well # 10

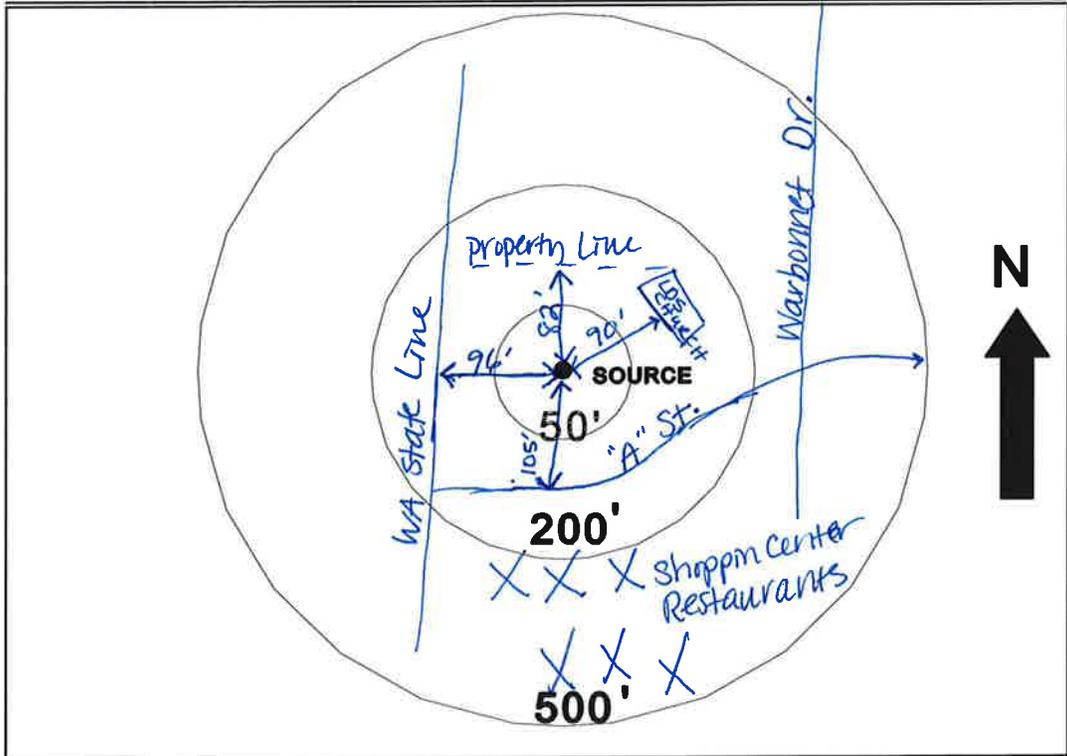
Source Type: Proposed well site
(spring, well, infiltration gallery)

Maximum Pumping Rate: N/A

System Representative: Kyle Steck & Gary Smith

Date: 7/19/12

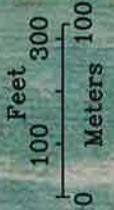
MAP OF SOURCE VICINITY



Please draw in and label all items from the checklist below

Map Checklist:

- Surface water within 500'
 - Stormwater disposal systems within 500'
 - On-site sewage systems or lagoons within 500'
 - Injection Wells within 500'
 - Municipal or on-site sewer lines within 200'
 - Other sources of contamination within 500'
 - Dairies or livestock feeding operations within 500'
- approx. ~ 46° 44' 6.50" N
 117° 2' 21.15" W



Washington Idaho

Well #10 Site (New)

1814' of 16" (Existing)

880' 16" (New)

Well #9 (Existing)

12" (Existing)

10" (Existing)

WELL NO. 9

CITY LIMIT

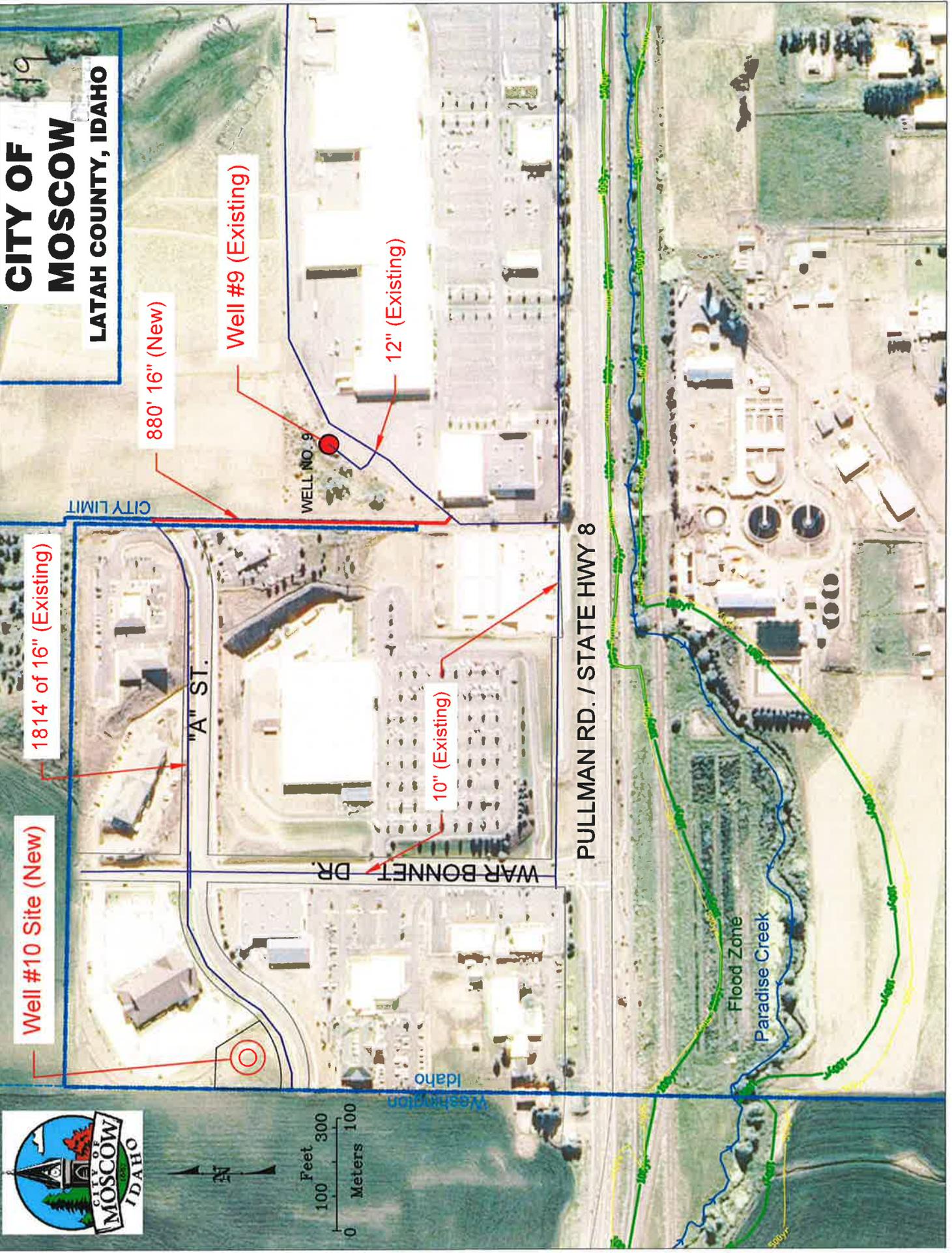
"A" ST.

WAR BONNET DR.

PULLMAN RD. / STATE HWY 8

Flood Zone
Paradise Creek

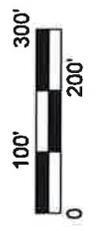
CITY OF
MOSCOW
LATAH COUNTY, IDAHO



APPROVED
August 2012



LEGEND



CITY LIMIT

City of Moscow Well 10 Vicinity Map

WELL NO. 9

Palouse Empire Mall

CITY LIMIT

CITY LIMIT

Moscow, Idaho
Township 39N
Range 6 W
Section 12

FUTURE
WELL NO. 10

"A" STREET

WAR BONNET DRIVE

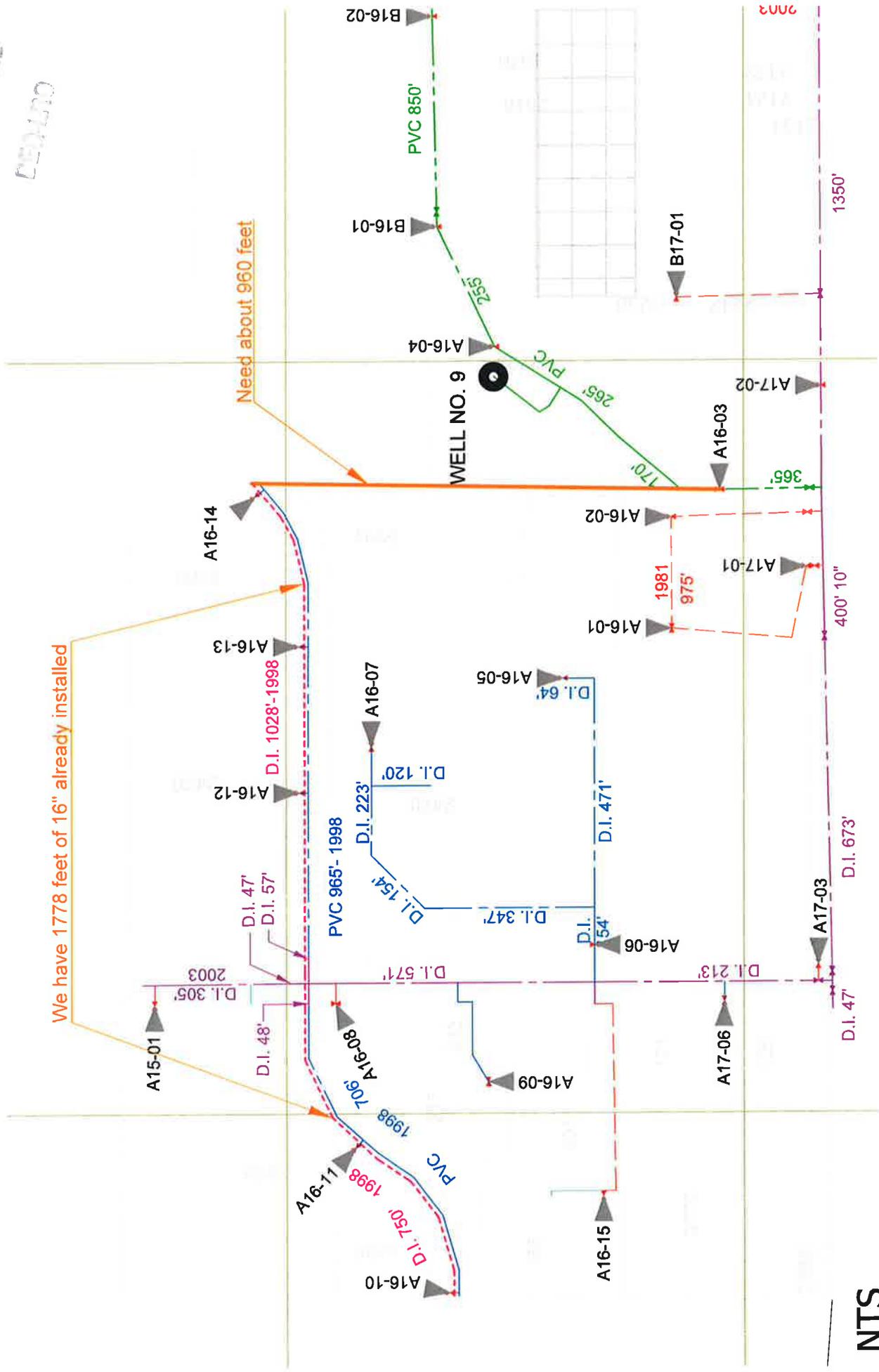
HATLEY WAY

S.H. 8 PULLMAN ROAD

IDAHO / WASHINGTON STATE LINE

NTS

Revised
 2/28/2012
 DEW/NO



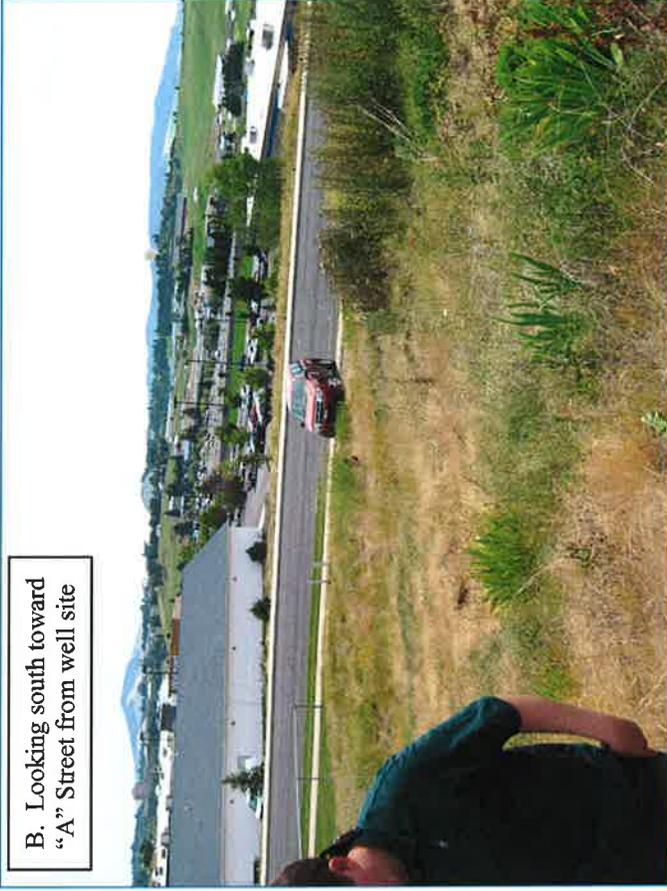
NTS

City of Moscow Well #10 Site 7/19/12 (PWS # ID2290023)

A. Well site from road looking Northwest into Washington



B. Looking south toward "A" Street from well site



C. Looking east from well site





MOSCOW WATER DEPARTMENT

201 N. Main Street
Moscow, ID 83843
(208) 882-3122
Fax: (208) 883-7113

February 17, 2011

Idaho State Historic Preservation Office
Attn: Shelby Day
210 Main Street
Boise, Idaho 83702

Re: City of Moscow Well # 10 Improvements Project

Dear Ms. Day,

The City of Moscow is planning to develop a new high capacity municipal well, and will be seeking funding under the State Revolving Fund (SRF) Loan program administered by the Idaho Department of Environmental Quality (IDEQ). The SRF program is financed through the federal Clean Water State Revolving Fund managed by the United States Environmental Protection Agency (EPA). Because the funds that will be used to develop the well are from the federal government, the project is subject to National Environmental Policy Act (NEPA) review. As such, Section 106 consultation with your office is required.

The City's project consists of a new high capacity municipal well, well house facility, and associated transmission lines. Enclosed is a map that displays the potential Well # 10 site location. The potential site that will be disturbed is currently owned by the City, and was historically utilized for agricultural purposes (see enclosed photos). Approximately 960 feet of new transmission line will be placed into ground that has been previously disturbed either through existing roadways or for other purposes. The line will connect Well # 10 to the Well # 9 site which is shown on the map. No buildings or structures will be affected.

If you have any questions regarding the project or need additional information, please feel free to contact me at (208) 883-7133, or by email at ksteele@ci.moscow.id.us.

Sincerely,

Kyle Steele
Regulatory Compliance Specialist
City of Moscow

Enclosures: City of Moscow Vicinity Map
Photos of Well # 10 Site (3)



DATE: April 5, 2011
TO: Kyle Steele, City of Moscow, Idaho
FEDERAL AGENCY: DEQ
PROJECT NAME: Well Improvements, Well #10, Moscow, Idaho.

Section 106 Evaluation

	The field work and documentation presented in this report meet the Secretary of the Interior's Standards.
X	No additional investigations are recommended; project can proceed as planned.
	Additional information is required to complete the project review. (See comments.)
	Additional investigations are recommended. (See comments.)

C.L. "Butch" Otter
 Governor of Idaho

Janet Gallimore
 Executive Director

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North Idaho Office
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 Office: (208) 882-1540
 Fax: (208) 882-1763

Identification of Historic Properties (36 CFR 800.4):

X	No historic properties were identified within the project area.
	Property is not eligible. Reason:
	Property is listed in National Register of Historic Places.
	Property is eligible for listing in the National Register of Historic Places. Criterion: <u> A </u> <u> B </u> <u> C </u> <u> D </u> Context for evaluation:
X	No historic properties will be affected within project area.

Assessment of Adverse Effects (36 CFR 800.5):

	Project will have <i>no adverse effect</i> on historic properties.
	Project will have an <i>adverse effect</i> on historic properties; further consultation is recommended.

Comments:

Thank you for requesting our office's comments while in the planning stages of the project and prior to construction. If I can answer any questions or be of further assistance, please contact me at (208) 334-3847 ext. 107 or Shelby Day at ext. 109.


Susan Pengilly, Deputy SHPO
State Historic Preservation Office

April 5, 2011
 Date



Kyle Steele

From: Kyle Steele
Sent: Wednesday, January 11, 2012 8:05 AM
To: Reinhart, Mary E NWW (Mary.E.Reinhart@usace.army.mil)
Cc: Kyle Steele
Subject: Army Corps of Engineers--EID Consultation for the Development of Well #10
Attachments: IMG_2287.JPG; Well 10 Exhibit-Plan.pdf; IMG_2284.JPG; IMG_2285.JPG; IMG_2286.JPG

Beth,

Per our conversation this morning, please find attached a vicinity map showing the location of the proposed new Well #10 for the City of Moscow. The City's project consists of a new high capacity municipal well, well house facility, and associated transmission lines. The potential site that will be disturbed is currently owned by the City, and was historically utilized for agricultural purposes (see attached photos). Approximately 880 feet of new transmission line will be placed into ground that has been previously disturbed either through existing roadways or for other purposes. The line will connect Well # 10 to the Well # 9 site which is shown on the map. No buildings or structures will be affected.

The City does not plan to disturb existing wetlands, and the project will not require any dredging or filling near Waters of the U.S.

Thank you very much for your assistance and please let me know if you have any questions.

Sincerely,

Kyle

Kyle Steele
Regulatory Compliance Specialist
City of Moscow
201 N. Main Street
Moscow, ID 83843
(208) 883-7133
ksteele@ci.moscow.id.us

Kyle Steele

From: Reinhart, Mary E NWW <Mary.E.Reinhart@usace.army.mil>
Sent: Thursday, January 12, 2012 9:37 AM
To: Kyle Steele
Subject: Development of well #10

Hi Kyle, based on the information you provided, there does not appear to be waters of the US within the project location. Hope that suffices, if not let me know if you require any additional assistance.

Beth

Beth Reinhart
Regulatory Project Manager
Army Corps of Engineers
Coeur D'Alene Regulatory Office
2065 W Riverstone Dr., Ste 201
Coeur d'Alene, ID 83814
208 765-8971
208 765-8368 fax
mary.e.reinhart@usace.army.mil







CITY OF MOSCOW

LATAH COUNTY, IDAHO

CITY LIMIT

Well #10 Site (New)

1814' of 16" (Existing)

"A" ST.

WAR BONNET DR.

10" (Existing)

880' 16" (New)

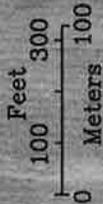
Well #9 (Existing)

12" (Existing)

WELL NO. 9

PULLMAN RD. / STATE HWY 8

Flood Zone
Paradise Creek







STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502

C.L. "Butch" Otter, Governor
Curt Fransen, Director

February 15, 2013

Certified Mail No.: 7010 3090 0002 3445 3245

Jill Maria Wagner, Ph.D.
Cultural Resources Program
Coeur d'Alene Tribe of Idaho
P.O. Box 408
Plummer, Idaho 83851

RE: Request for Tribal Consultation on Cultural Issues for the City of Moscow Drinking Water Well

Dear Dr. Wagner:

The City of Moscow is in the final planning phase of developing a drinking water system improvement project which could be fully or partially funded by the Idaho Drinking Water State Revolving Fund to make improvements to its drinking water system. The purpose of this letter is to request your review and response regarding any short term, long term or cumulative impacts related to historical properties, cultural resources or archaeological issues that the Coeur d'Alene Tribe may identify for this proposed project, in accordance with Idaho's State Environmental Review process, which mirrors the National Environmental Policy Act.

The proposed project consists of installing a drinking water well, appurtenances and approximately 880 feet of new water main to connect the well into the distribution system. The new well will provide a redundant water source, as required by the Idaho Rules for Public Drinking Water Systems. The proposed well site is along the Idaho-Washington border, approximately 900 feet north of State Highway 8 in Moscow. A map and site photos are enclosed. I am also enclosing for your reference a copy of the correspondence with SHPO regarding this project.

Please respond within 30 days, if possible, with any concerns or mitigation measures you have on the potential environmental impacts from this project. Please contact me at (208) 373-0406 or by email at Michael.May@deq.idaho.gov if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "Mike May".

Mike May
Sr. Water Quality Analyst

Encl: maps and correspondence

c: Chairman Chief Allan, Coeur d'Alene Tribe of Idaho, P.O. Box 408, Plummer 83851
Kyle Steele, City of Moscow, ksteele@ci.moscow.id.us

LEGEND

-  City Water Service Area
-  University of Idaho Water Service Area
-  City Limits
-  Area of City Impact

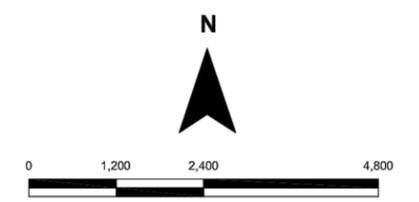
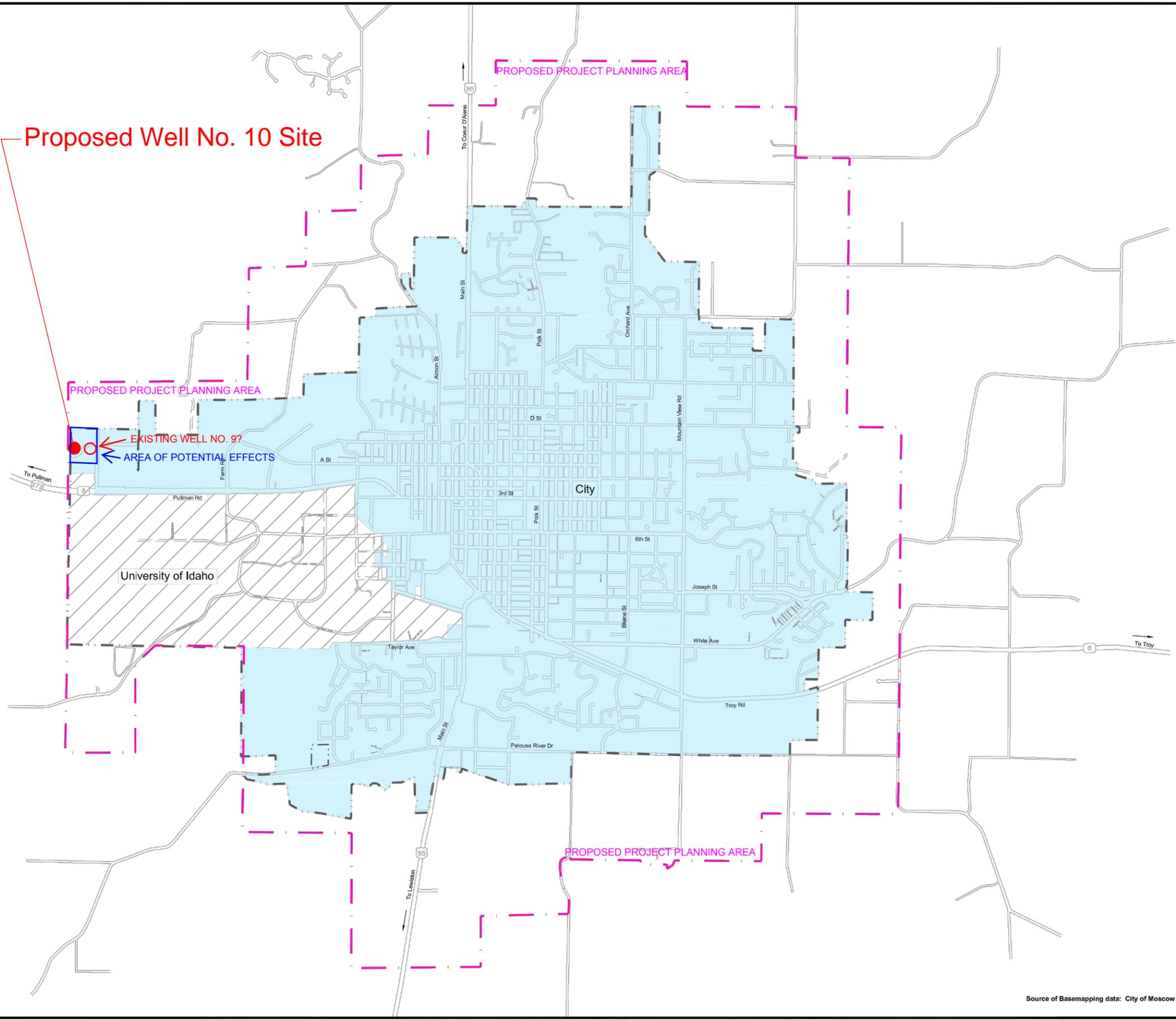
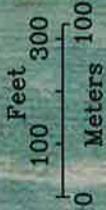


Figure 2-2
Water Service Area
City of Moscow
Comprehensive Water System Plan
January 2012

Source of Basemapping data: City of Moscow GIS Data.



Washington Idaho

Well #10 Site (New)

1814' of 16" (Existing)

880' 16" (New)

Well #9 (Existing)

12" (Existing)

10" (Existing)

WELL NO. 9

CITY LIMIT

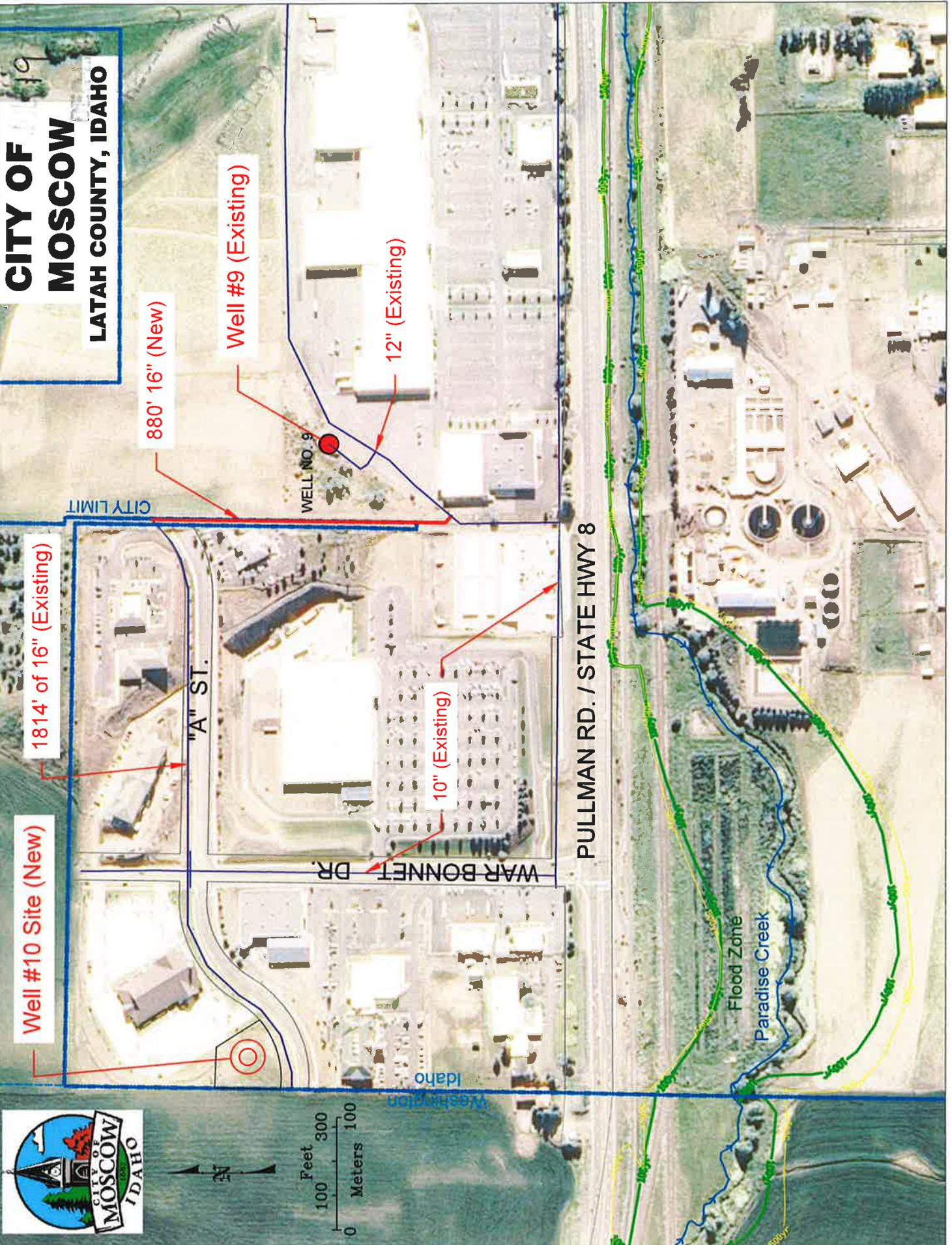
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PULLMAN RD. / STATE HWY 8

Flood Zone
Paradise Creek

CITY OF
MOSCOW
LATAH COUNTY, IDAHO

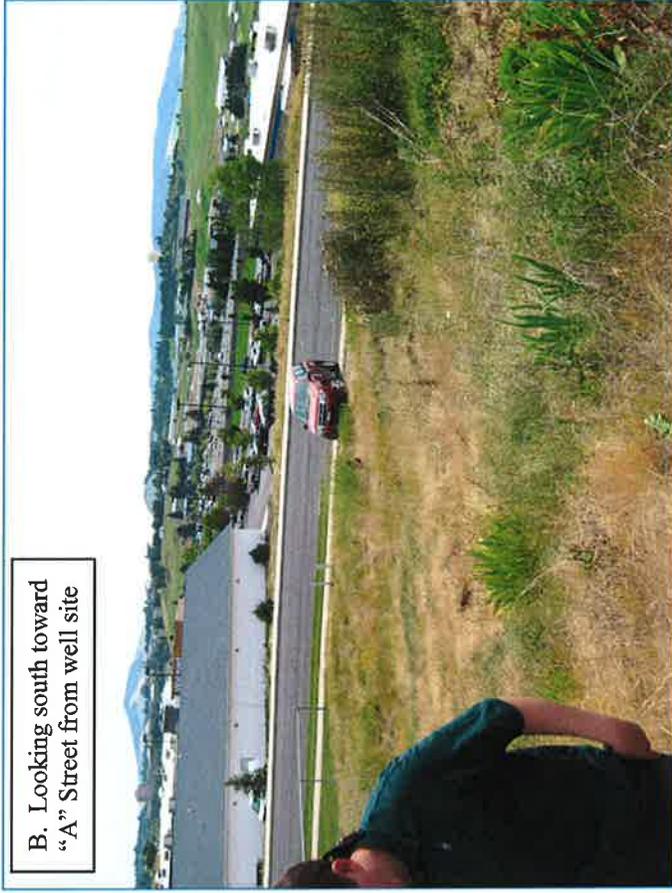


City of Moscow Well #10 Site 7/19/12 (PWS # ID2290023)

A. Well site from road looking Northwest into Washington



B. Looking south toward "A" Street from well site



C. Looking east from well site





MOSCOW WATER DEPARTMENT

201 N. Main Street
Moscow, ID 83843
(208) 882-3122
Fax: (208) 883-7113

February 17, 2011

Idaho State Historic Preservation Office
Attn: Shelby Day
210 Main Street
Boise, Idaho 83702

Re: City of Moscow Well # 10 Improvements Project

Dear Ms. Day,

The City of Moscow is planning to develop a new high capacity municipal well, and will be seeking funding under the State Revolving Fund (SRF) Loan program administered by the Idaho Department of Environmental Quality (IDEQ). The SRF program is financed through the federal Clean Water State Revolving Fund managed by the United States Environmental Protection Agency (EPA). Because the funds that will be used to develop the well are from the federal government, the project is subject to National Environmental Policy Act (NEPA) review. As such, Section 106 consultation with your office is required.

The City's project consists of a new high capacity municipal well, well house facility, and associated transmission lines. Enclosed is a map that displays the potential Well # 10 site location. The potential site that will be disturbed is currently owned by the City, and was historically utilized for agricultural purposes (see enclosed photos). Approximately 960 feet of new transmission line will be placed into ground that has been previously disturbed either through existing roadways or for other purposes. The line will connect Well # 10 to the Well # 9 site which is shown on the map. No buildings or structures will be affected.

If you have any questions regarding the project or need additional information, please feel free to contact me at (208) 883-7133, or by email at ksteele@ci.moscow.id.us.

Sincerely,

Kyle Steele
Regulatory Compliance Specialist
City of Moscow

Enclosures: City of Moscow Vicinity Map
Photos of Well # 10 Site (3)



DATE: April 5, 2011
TO: Kyle Steele, City of Moscow, Idaho
FEDERAL AGENCY: DEQ
PROJECT NAME: Well Improvements, Well #10, Moscow, Idaho.

Section 106 Evaluation

	The field work and documentation presented in this report meet the Secretary of the Interior's Standards.
X	No additional investigations are recommended; project can proceed as planned.
	Additional information is required to complete the project review. (See comments.)
	Additional investigations are recommended. (See comments.)

C.L. "Butch" Otter
 Governor of Idaho

Janet Gallimore
 Executive Director

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North Idaho Office
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 Moscow, Idaho 83843
 Office: (208) 882-1540
 Fax: (208) 882-1763

Identification of Historic Properties (36 CFR 800.4):

X	No historic properties were identified within the project area.
	Property is not eligible. Reason:
	Property is listed in National Register of Historic Places.
	Property is eligible for listing in the National Register of Historic Places. Criterion: <u> A </u> <u> B </u> <u> C </u> <u> D </u> Context for evaluation:
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Assessment of Adverse Effects (36 CFR 800.5):

	Project will have <i>no adverse effect</i> on historic properties.
	Project will have an <i>adverse effect</i> on historic properties; further consultation is recommended.

Comments:

Thank you for requesting our office's comments while in the planning stages of the project and prior to construction. If I can answer any questions or be of further assistance, please contact me at (208) 334-3847 ext. 107 or Shelby Day at ext. 109.



Susan Pengilly, Deputy SHPO
State Historic Preservation Office

 April 5, 2011
Date





STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502

C.L. "Butch" Otter, Governor
Curt Fransen, Director

February 15, 2013

Certified Mail No.: 7010 3090 0002 3445 3238

Patrick Baird, THPO
Cultural Resources Program
Nez Perce Tribe
P.O. Box 365
Lapwai, Idaho 83540

RE: Request for Tribal Consultation on Cultural Issues for the City of Moscow Drinking Water Well

Dear Mr. Baird:

The City of Moscow is in the final planning phase of developing a drinking water system improvement project which could be fully or partially funded by the Idaho Drinking Water State Revolving Fund to make improvements to its drinking water system. The purpose of this letter is to request your review and response regarding any short term, long term or cumulative impacts related to historical properties, cultural resources or archaeological issues that the Nez Perce Tribe may identify for this proposed project, in accordance with Idaho's State Environmental Review process, which mirrors the National Environmental Policy Act.

The proposed project consists of installing a drinking water well, appurtenances and approximately 880 feet of new water main to connect the well into the distribution system. The new well will provide a redundant water source, as required by the Idaho Rules for Public Drinking Water Systems. The proposed well site is along the Idaho-Washington border, approximately 900 feet north of State Highway 8 in Moscow. A map and site photos are enclosed. I am also enclosing for your reference a copy of the correspondence with SHPO regarding this project.

Please respond within 30 days, if possible, with any concerns or mitigation measures you have on the potential environmental impacts from this project. Please contact me at (208) 373-0406 or by email at Michael.May@deq.idaho.gov if you have any questions.

Sincerely,


Mike May
Sr. Water Quality Analyst

Encl: maps and correspondence

c: Silas C. Whitman, Chair, Nez Perce Tribe, P.O. Box 365, Lapwai, Idaho 83540
Kyle Steele, City of Moscow, ksteele@ci.moscow.id.us

LEGEND

-  City Water Service Area
-  University of Idaho Water Service Area
-  City Limits
-  Area of City Impact

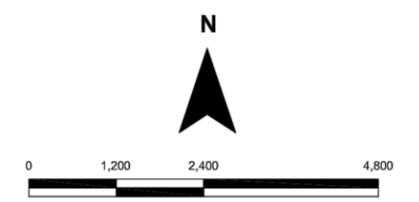
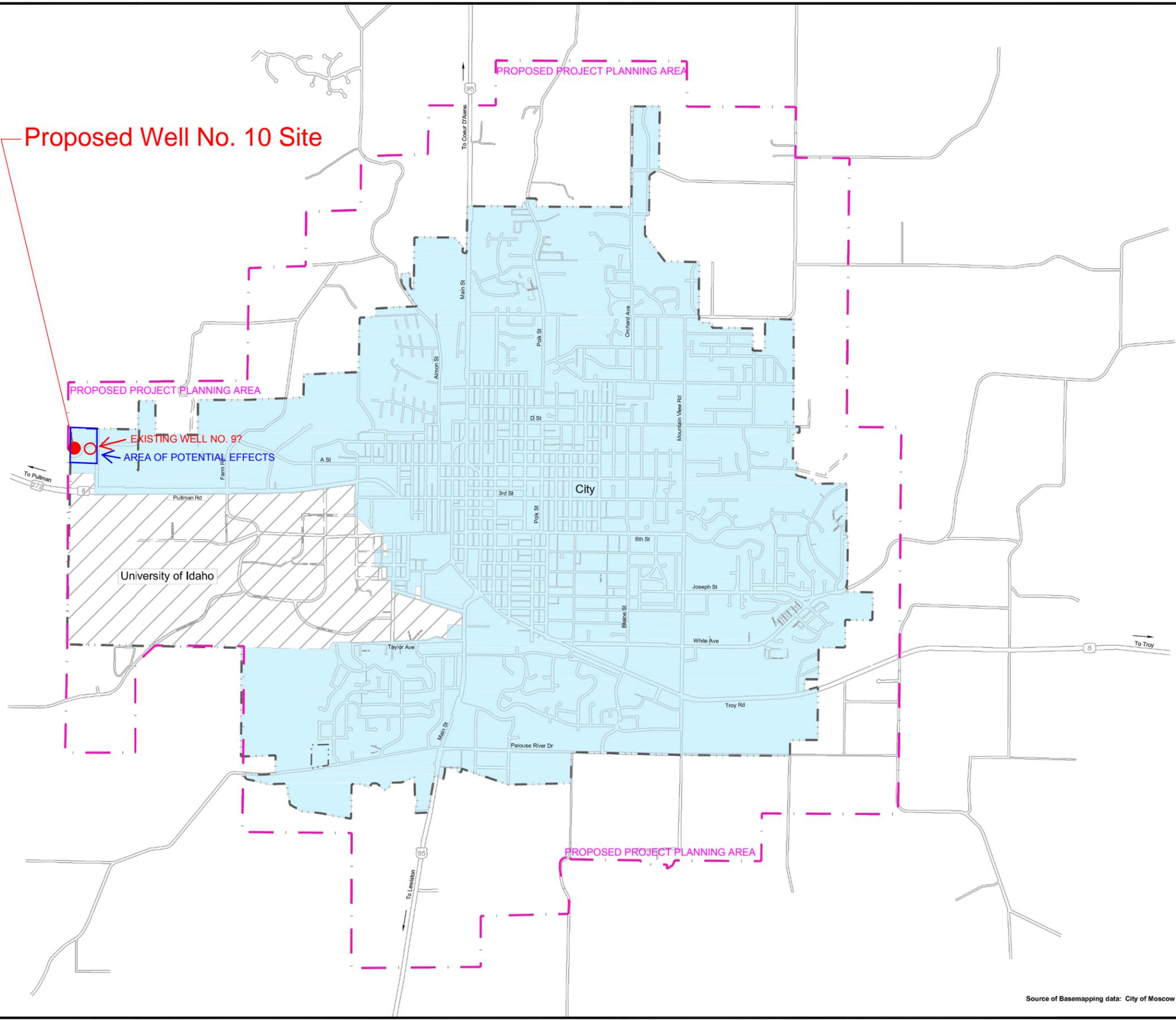
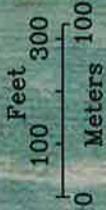
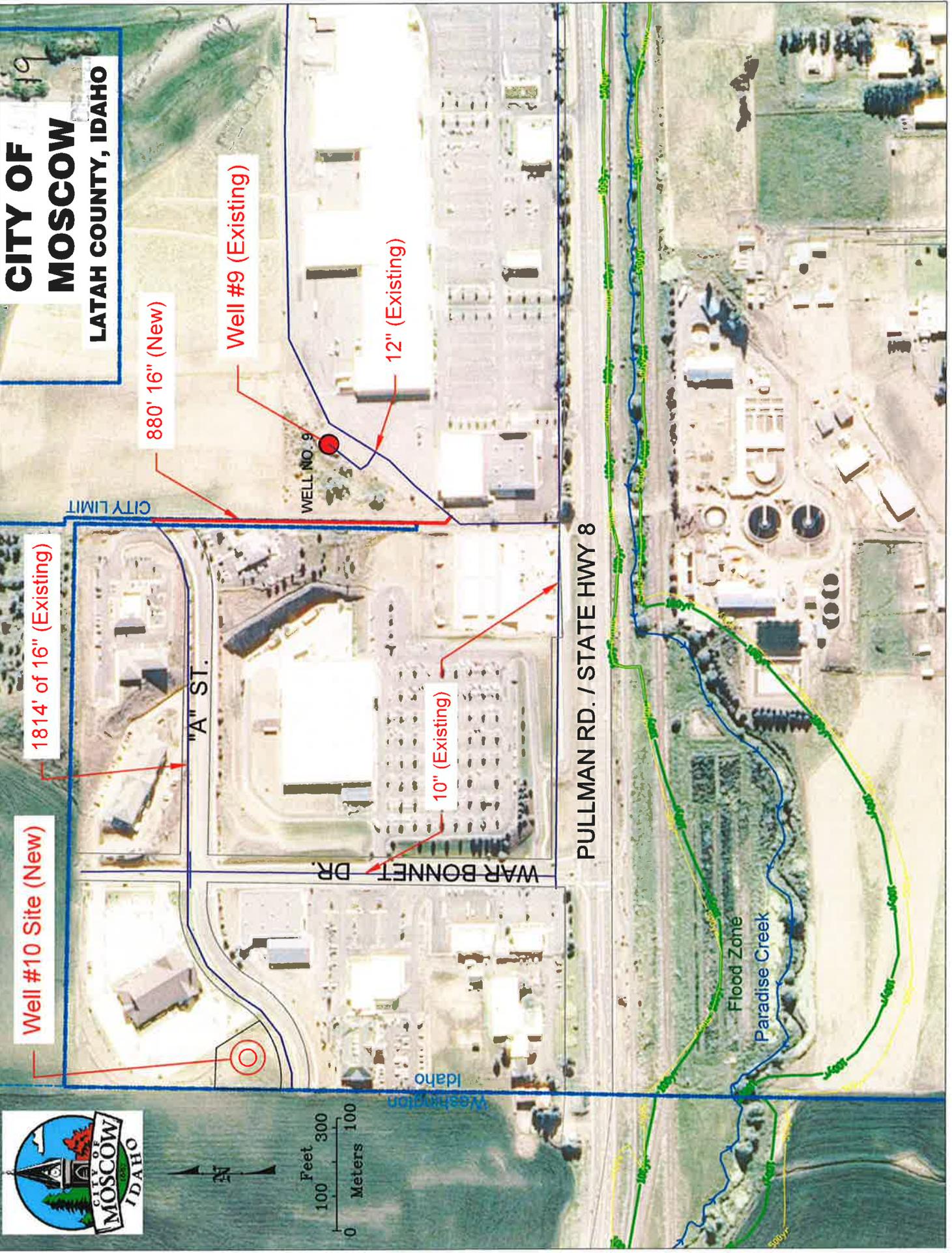


Figure 2-2
Water Service Area
City of Moscow
Comprehensive Water System Plan
January 2012

Source of Basemapping data: City of Moscow GIS Data.



Washington
Idaho



CITY OF MOSCOW

LATAH COUNTY, IDAHO

880' 16" (New)

Well #9 (Existing)

12" (Existing)

WELL NO. 9

1814' of 16" (Existing)

"A" ST.

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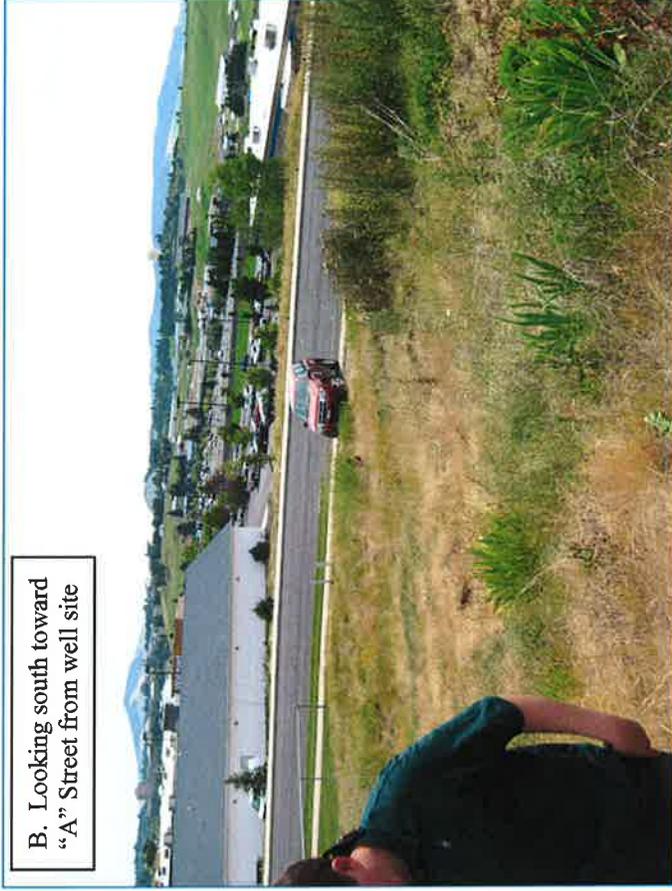
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A. Well site from road looking Northwest into Washington



B. Looking south toward "A" Street from well site



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February 17, 2011

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Regulatory Compliance Specialist
City of Moscow

Enclosures: City of Moscow Vicinity Map
Photos of Well # 10 Site (3)



DATE: April 5, 2011
TO: Kyle Steele, City of Moscow, Idaho
FEDERAL AGENCY: DEQ
PROJECT NAME: Well Improvements, Well #10, Moscow, Idaho.

Section 106 Evaluation

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	Additional information is required to complete the project review. (See comments.)
	Additional investigations are recommended. (See comments.)

C.L. "Butch" Otter
 Governor of Idaho

Janet Gallimore
 Executive Director

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	Project will have <i>no adverse effect</i> on historic properties.
	Project will have an <i>adverse effect</i> on historic properties; further consultation is recommended.

Comments:

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Susan Pengilly, Deputy SHPO
State Historic Preservation Office

 April 5, 2011
Date



Mike May

From: Suzi Pengilly <Suzi.Pengilly@ishs.idaho.gov>
Sent: Monday, March 04, 2013 10:52
To: Mike May; keithb@nezperce.org; jwagner@cdatribe-nsn.gov
Cc: ksteele@ci.moscow.id.us; Ester Ceja
Subject: RE: Request for Tribal Consultation on Cultural Issues for the City of Moscow Drinking Water Well

Looks good—thanks!

From: Michael.May@deq.idaho.gov [mailto:Michael.May@deq.idaho.gov]
Sent: Monday, March 04, 2013 10:51 AM
To: Suzi Pengilly; keithb@nezperce.org; jwagner@cdatribe-nsn.gov
Cc: ksteele@ci.moscow.id.us; Ester.Ceja@deq.idaho.gov
Subject: RE: Request for Tribal Consultation on Cultural Issues for the City of Moscow Drinking Water Well

Thanks, Suzi. Based on your comment, I adjusted the text as follows, with changes in *italics* and ~~strikeout~~:

- Cultural Resources: If archeological artifacts (such as beads, arrow heads, pottery, fabric, grave goods, glass, metal fragments or other human made objects that appear to predate 1960) or human remains (such as bones, bone fragments or teeth) are inadvertently discovered during construction, ground disturbing activities shall cease and the State Historical Preservation Officer (SHPO), the Nez Perce Tribe and the Coeur d'Alene Tribe shall be notified. They can be reached by telephone at (208) 334-3847, (208) 621-3851 and (208) 686-1572, respectively. Mitigation measures will be implemented as directed by SHPO and the Tribes, and work will not resume at the discovery site without their consent. If human remains are discovered, in addition the Moscow Police Department ~~at~~ and the Latah County Coroner will be contacted *after SHPO* at (208) 882-2677 and (208) 883-2248, respectively, and work will not resume until law enforcement has also released the site.

From: Suzi Pengilly [mailto:Suzi.Pengilly@ishs.idaho.gov]
Sent: Monday, March 04, 2013 10:43
To: Pat Baird; Mike May; jwagner@cdatribe-nsn.gov
Cc: ksteele@ci.moscow.id.us; Ester Ceja
Subject: RE: Request for Tribal Consultation on Cultural Issues for the City of Moscow Drinking Water Well

Ok—sorry that I am late to weigh in here. I have been out of town. First, our phone number is 334-3847. Also, under state law, we need to be the first notified. Law enforcement should be notified *after* we are notified. We have had cases where law enforcement bagged up skeletal remains before we were at the site, and it was a Native American burial. They were just doing their job, but in doing so, completely destroyed the feature.

Thanks—
Suzi

From: Pat Baird [mailto:keithb@nezperce.org]
Sent: Monday, March 04, 2013 10:22 AM
To: Michael.May@deq.idaho.gov; jwagner@cdatribe-nsn.gov; Suzi Pengilly
Cc: ksteele@ci.moscow.id.us; Ester.Ceja@deq.idaho.gov
Subject: RE: Request for Tribal Consultation on Cultural Issues for the City of Moscow Drinking Water Well

Sounds ok to me .
Pat

From: Michael.May@deg.idaho.gov [<mailto:Michael.May@deg.idaho.gov>]
Sent: Saturday, March 02, 2013 8:45 AM
To: jwagner@cdatribe-nsn.gov; keithb@nezperce.org; suzi.pengilly@ishs.idaho.gov
Cc: ksteele@ci.moscow.id.us; Ester.Ceja@deg.idaho.gov
Subject: RE: Request for Tribal Consultation on Cultural Issues for the City of Moscow Drinking Water Well

Technically, that's true. It seems that where there are grave goods, there is likely to be a grave. I have made the change you suggested. I have also changed the final sentence to indicate that *both* SHPO/THPO and law enforcement must release a site with human remains before work can continue.

- Cultural Resources: If archeological artifacts (such as beads, arrow heads, pottery, fabric, grave goods, glass, metal fragments or other human made objects that appear to predate 1960) or human remains (such as bones, bone fragments or teeth) are inadvertently discovered during construction, ground disturbing activities shall cease and the State Historical Preservation Officer (SHPO), the Nez Perce Tribe and the Coeur d'Alene Tribe shall be notified. They can be reached by telephone at (208) 334-3837, (208) 621-3851 and (208) 686-1572, respectively. Mitigation measures will be implemented as directed by SHPO and the Tribes, and work will not resume at the discovery site without their consent. If human remains are discovered, in addition the Moscow Police Department at and the Latah County Coroner will be contacted at (208) 882-2677 and (208) 883-2248, respectively, and work will not resume until law enforcement has also released the site.

From: Jill Wagner [<mailto:jwagner@cdatribe-nsn.gov>]
Sent: Friday, March 01, 2013 17:15
To: Mike May; keithb@nezperce.org; suzi.pengilly@ishs.idaho.gov
Cc: ksteele@ci.moscow.id.us; Ester Ceja
Subject: RE: Request for Tribal Consultation on Cultural Issues for the City of Moscow Drinking Water Well

Michael,
I have 1 comment at this time: "Grave goods" are not human remains but should still be included in the list of artifacts.

Jill

Jill Maria Wagner, Ph.D.
Tribal Historic Preservation Officer
Cultural Resources Program
Coeur d'Alene Tribe
P.O. Box 408 / 850 A Street
Plummer, ID 83851
(208) 686-1572
jwagner@cdatribe-nsn.gov

=====
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From: Michael.May@deq.idaho.gov [<mailto:Michael.May@deq.idaho.gov>]
Sent: Friday, March 01, 2013 1:01 PM
To: keithb@nezperce.org; suzi.pengilly@ishs.idaho.gov; Jill Wagner
Cc: ksteele@ci.moscow.id.us; Ester.Ceja@deq.idaho.gov
Subject: RE: Request for Tribal Consultation on Cultural Issues for the City of Moscow Drinking Water Well

Patrick, would this language as a condition in the FONSI work for you? Suzi and Jill, feel free to weigh in also. In particular for you, Suzi, is the 1960 date appropriate for non-tribal artifacts? (1960 doesn't feel "historical" to me; I guess I'm getting old).

- **Cultural Resources:** If archeological artifacts (such as beads, arrow heads, pottery, fabric, glass, metal fragments or other human made objects that appear to predate 1960) or human remains (such as bones, bone fragments, teeth and grave goods) are inadvertently discovered during construction, ground disturbing activities shall cease and the State Historical Preservation Officer (SHPO), the Nez Perce Tribe and the Coeur d'Alene Tribe shall be notified. They can be reached by telephone at (208) 334-3837, (208) 621-3851 and (208) 686-1572, respectively. Mitigation measures will be implemented as directed by SHPO and the Tribes, and work will not resume at the discovery site without their consent. If human remains are discovered, in addition the Moscow Police Department at and the Latah County Coroner will be contacted at (208) 882-2677 and (208) 883-2248, respectively, and work will not resume until these authorities have released the site.

From: Pat Baird [<mailto:keithb@nezperce.org>]
Sent: Thursday, February 28, 2013 9:51
To: Mike May
Cc: k.steele@ci.moscow.id.us; Suzi.Pengilly@ishs.idaho.gov
Subject: RE: Request for Tribal Consultation on Cultural Issues for the City of Moscow Drinking Water Well

It assumes that people know what archaeological artifacts are, so examples might be helpful. Also, change the language to read archaeological artifacts OR human remains. You should also state that work will not resume in the find location until the appropriate parties are consulted protection or mitigation actions taken, if appropriate.

Pat

From: Michael.May@deq.idaho.gov [<mailto:Michael.May@deq.idaho.gov>]
Sent: Thursday, February 28, 2013 8:30 AM
To: keithb@nezperce.org
Cc: k.steele@ci.moscow.id.us; Suzi.Pengilly@ishs.idaho.gov
Subject: RE: Request for Tribal Consultation on Cultural Issues for the City of Moscow Drinking Water Well

Thanks for your response, Patrick. We have a standard condition in our FONSI on inadvertent discovery, that typically reads:

- **Cultural Resources:** If archeological artifacts and human remains are inadvertently discovered during construction, ground disturbing activities shall cease and the State Historical Preservation Officer, the Nez Perce Tribe and the Coeur d'Alene Tribe shall be notified. They can be reached by telephone at (208) 334-3837, (208) 621-3851 and (208) 686-1572, respectively.

Will this be adequate, or are you looking for something more detailed?

Mike May
Sr. Water Quality Analyst
Idaho Department of Environmental Quality
1410 North Hilton
Boise, Idaho 83706
(208) 373-0406
Michael.May@deq.idaho.gov

From: Pat Baird [<mailto:keithb@nezperce.org>]
Sent: Friday, February 22, 2013 18:55
To: Mike May
Cc: k.steele@ci.moscow.id.us; Suzi Pengilly
Subject: RE: Request for Tribal Consultation on Cultural Issues for the City of Moscow Drinking Water Well

Mr. May,

Thank you for sending this project to us for review. I am concerned about the potential for cultural resources in the project areas, as no mention is made of any attempts to identify cultural resources before the existing development of surrounding properties or the roadway. I recommend that the City and DEQ develop an inadvertent discovery plan in case materials are found during the undertaking so that they can be evaluated and protected or mitigated as appropriate.

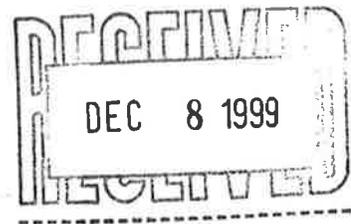
Thanks, Pat

Patrick Baird
Tribal Historic Preservation Officer\ Archaeologist
Cultural Resource Program
Nez Perce Tribe
PO Box 365
Lapwai, ID 83540
208-621-3851 (o)
208-791-8610 (c)

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Appendix B

Paul C. Agidius
Attorney at Law



Post Office Box 9341
Moscow, Idaho 83843

Phone (208) 882-0523
Facsimile (208) 882-5346

December 3, 1999

City of Moscow
Attention: Mr. Dean Weyen
P.O. Box 9203
Moscow, Idaho 83843

Re: Well Site
Lot 1, Block 3 Hatley Addition

Dear Dean,

My clients have authorized me to inform you that they would accept an offer of \$100,000.00 for the 33,500 square foot portion of Lot 1, Block 3, Partial Replat of Hatley addition as shown on the enclosed map, conditioned as follows:

1. That the parcel be used solely for a city well site,
2. That the structure erected be similar in appearance to the well buildings located at the Palouse Empire Mall,
3. That no outside storage be allowed on the site except for the temporary storage of parts or equipment for repairs to said well, and
4. That the issuance of a building permit to the City of Moscow for its structure will not trigger the Phase III development requirements as set forth in Article ~~IV~~^{VI} C of the Development Agreement for the Partial Replat of Hatley Addition.

If you have any questions regarding the above or would like to meet to discuss the same, please call.

Sincerely,

A handwritten signature in black ink, appearing to read "P. C. Agidius".

Paul C. Agidius

PCA/tk
Enclosure

**CITY OF MOSCOW
PUBLIC WORKS/FINANCE COMMITTEE**

Agenda

Monday, January 24, 2000

5:00 p.m.

CITY HALL COUNCIL CHAMBERS

206 East Third Street, Second Floor

.....
1. **Approval of Minutes of January 10, 2000.**

2. **Well 10 Lot Purchase/Division – Dean Weyen**

Staff is recommending the site for the City's next well, as on the north side of "A" Street in the Hatley Addition. Funds in the amount of \$100,000 have been budgeted for this project. Property owner Hatley will accept an offer for the property subject to conditions as stated in Weyen's January 20, 2000 memo. The lot purchase and split will be required as shown on the attached map.

Council Agenda Item #3

ACTION: Recommend approval of the lot purchase; authorize the Mayor to sign an amended Development Agreement, and recommend approval of the lot division; or take such other action as deemed appropriate.

3. **Change Order #3 Aquatic Center – Randy Rice**

Change Order #3 documents modifications made during project construction as enumerated on Randy Rice's January 20, 2000 memo.

Council Consent Agenda Item #1F

ACTION: Recommend approval of change order and authorize Mayor's signature thereon; or take such other action as deemed appropriate.

4. **Accounts Payable for December, 1999 – Jim Wallace**

5. **Quarterly Financial Summary – Jim Wallace**

6. **Financial Audit Report – Jim Wallace**

Audited Financial Statements have been distributed for council review.

REPORTS:

Transportation Enhancement Program for FY 2003 – Gary Presol

FUTURE AGENDA ITEMS:

Scheduled:

2/7/00 Lot Consolidation and Development Agreement for North Almon Apartments – Dale Pernula/Dean Weyen

2/7/00 "C" Street Almon to Jackson – Dean Weyen

Unscheduled:

Allocation of Funds from N. Polk Ext. Water & Sewer District – Dale Pernula

Linear Park – Roger Blanchard

Skate Park – Roger Blanchard

Erosion Control Review

Mountainview Phasing Report – Dave Klatt

Paradise Creek Management Plan – Gary Presol

Creek Enhancement Funding Report – 319 Grant – Dale Pernula

Recreation Facility Needs Plan- P&R Commission – Randy Rice

Pullman/Moscow Corridor Issues – Dale Pernula

"A" Street Development – Dale Pernula

**MINUTES
CITY OF MOSCOW
PUBLIC WORKS/FINANCE COMMITTEE
January 24, 2011**

The meeting was called to order at 3:00 p.m.

Attendance:

Present: Wayne Krauss; Chair, Tom Lamar, Sue Scott

Staff: Randy Fife, Ed Button, Bill Belknap, Les MacDonald, Don Palmer, Kathleen Burns, Tim Davis, Joe Williams, Stephanie Kalasz

Others: Tim Brown (4:15)

1. Approval of January 10, 2011 Minutes - Stephanie Kalasz

The minutes were approved as presented.

2. Assistance to Firefighters Grant (AFG) - Fire Prevention and Safety (FP&S) - Fire Safety Trailer - Ed Button

The Assistance to Firefighters Grant (AFG) - Fire Prevention and Safety (FP&S) grant program provides funding for fire departments to purchase a fire safety trailer which can be used for training of firefighters and also public education such as age-appropriate fire extinguisher training. Applicants who serve a jurisdiction with a population of 500,000 people or less can apply for up to \$1,000,000 for any fiscal year. Fire departments serving areas with a population between 20,000 and 50,000, inclusive, must match the federal grant funds with an amount of non-federal funds equal to ten percent (10%) of the total project costs. Applications are due by 5 pm on Friday, February 4, 2011. A copy of a quote from Bullex has been obtained and is attached for information only to give an example of what is included in a fire safety trailer. Fire Department staff anticipates the purchase of the trailer will not exceed \$100,000 including all auxiliary components in order to make the trailer travel ready. Funding from the Ross donation will be used to provide the ten percent (10%) match amount estimated at \$10,000 or less. Since the deadline for submittal is February 4, staff is presenting to both Administrative and Public Works/Finance Committees and requesting that it be approved for submission and placed on the February 7, 2011 City Council agenda.

ACTION: Recommend approval to submit a grant application not to exceed \$100,000 to the Assistance to Firefighters Grant (AFG) - Fire Prevention and Safety (FP&S) grant program to purchase a fire safety trailer, or take other such action deemed appropriate.

Button presented the issue as written above and explained the reason for submitting the grant application. He distributed photos of the old trailer and explained the problems they have with it. He said the trailer will likely still be used in some form even if the grant is received. Possible uses for the old trailer were discussed. The Committee recommended approval and that the item be placed on the Council consent agenda.

3. Idaho Commission on the Arts Entry Track Grant submission from the Moscow Art Department - Kathleen Burns

The Entry Track Grants support public programs in the arts delivered by Idaho's Arts Organizations and the Entry Track Grant is the entry point through which Idaho Arts Organizations new to Idaho Commission on the Arts can transition to the ICA Public Programs in the Arts. An Entry Track Grant was received by the City in 2009 and was utilized to purchase new sound equipment to support music performances during the Moscow Farmers Market, Thursday Night Children's Entertainment Series and the Thursday night Moscow Arts

Commission Band Performances. In reviewing the needs of the Art Department for the upcoming year, it has been determined that funds from this year's grant would be utilized to assist with drafting a Public Art Master Plan process for the City of Moscow. There are no matching funds required. The grant deadline for submission is January 31, 2011, staff is presenting to both Administrative and Public Works/Finance Committees and requesting that it be approved for submission and placed on the February 7, 2011 City Council agenda.

ACTION: Recommend approval to apply for the Idaho Commission on the Arts Entry Track Grant for the purpose of drafting a Public Art Master Plan for the City of Moscow or take other such action deemed appropriate.

Burns presented the issue as written above and explained how the grant funds would be used. Scott asked if there will be expansion opportunity in the Master Plan. Burns said that will be considered but there is no plan in place currently. The Committee recommended approval and that it be placed on the Council consent agenda.

4. Fourth Quarter Ending September 30, 2010 (FY 2010) financial Report and First Quarter Financial Ending September 30, 2011 (FY 2011) - Don Palmer

Presentation of the fourth quarter Financial Report for fiscal year ending September 30, 2010 (FY 2010) and the first quarter financial report for the new fiscal year ending September 30, 2011 (FY 2011).

ACTION: Approve the financial reports for FY 2010 and FY 2011.

Palmer presented the fourth quarter 2010 and first quarter 2011 financial reports. He discussed the highlights of the reports and investments. He indicated that since Mrs. Glenna Lowe-Hamilton passed away, it may be appropriate to put the money left in the Hamilton CRAT into the principle account to earn interest. He discussed fund balance carryover.

5. Updates for Water and Sewer Utilities and Comprehensive Rate Study for Solid Waste Utility Contact - Don Palmer

City staff is proposes awarding a contract to FCS Group to conduct the City of Moscow rate study updates for Water and Sewer Utilities and a comprehensive rate study for the Solid Waste Utility. The goal of this study is to assure adequate funding of utilities operations and maintenance, capital costs and bonded debt, while developing rates that are fair and equitable to customers. The study shall provide cost-based recommendations for water, sewer and solid waste rates that meet the financial objectives of the City that are equitable. Once completed the city will have a separate financial model for each utility that allows the City to factor in future adjustments and variables when computing rates forward. The cost of the updated rate study has been budgeted in the FY2011 budget and is funded from water, sewer and sanitation utilities.

ACTION: Staff recommends approval of the contract for the rate study or other action as directed.

Palmer presented the issue as written above and explained the reason for the study. He said this will be similar to the study done in 2005 except that there will be a more comprehensive audit and rate review on solid waste. Lamar said there are some incentives for behavior change and wanted to know if those would be continued. Palmer explained that the current system is not working well but hopefully the sub-contractor handling this will offer some suggestions. Staff with meet with them and talk about the process. Scott asked how long it would take the City to recoup the money it costs for the study. Palmer explained that the City needs a capital improvement plan to determine how to use the resources available to pay for programs. He said the water and sewer study is cheaper than it was in 2005. Lamar asked why current charges are not working well. Palmer said it is just the sanitation system that doesn't work well and this study will help address that issue. Scott asked if this will happen after the new system is in place. Palmer said it will likely happen in conjunction with that project. After further discussion, the Committee recommended approval and

that it be placed on the Council consent agenda.

6. **Energy (Electricity and Natural Gas) and Telephone Audit - Don Palmer**

Utilities Reduction Specialists (URS), a cost management company, has proposed reviewing the City's cost of services for utilities to determine whether there are any savings that can be realized by the City. The audit focuses on the utility services the City of Moscow is receiving and whether the City is being properly charged for those services, including a review of applicable rates, taxes and other charges. After the audit, URS will report on any areas in which the City is not being appropriately charged and if any are identified, URS will be paid a fee which amounts to one half (1/2) of the identified savings realized by the City. If no areas are identified, the City pays nothing for URS' services. The consultant provides a report with refund opportunities and future cost reduction recommendations and the City has the right to accept or reject any or all recommendations.

ACTION: Recommend retention of URS to conduct a utility billing audit analysis as identified above or take such other action deemed appropriate.

Palmer presented the issue as written above. He explained what this company does and said he would like to investigate whether staff can get any savings prior to going through with this agreement. This can be brought back to Committee after that happens. Krauss verified that the company would get paid on a month to month basis. Lamar said this is a good idea and he likes the idea of City staff looking for any possibilities for reducing costs prior to entering into this agreement. Scott said Avista is willing to do an audit. There was discussion about other entities contracting for this service. This item will come back to Committee at a later date.

REPORTS:

Major Studies (CSSP, CWSP, SWR) Status - Les MacDonald

MacDonald discussed the Comprehensive Water System Plan (CWSP). He said the project is 85% complete and went through what has been completed. He discussed planning for the future and the capital improvement plan. He said this will fit in with the rate study discussed by Palmer earlier. Krauss asked how much staff time is involved in this and MacDonald said there is quite a lot of information that had to be compiled, it was very labor intensive. Comprehensive Sewer System Plan – MacDonald explained that the Comprehensive Sewer System Plan is about 80% complete. He discussed some issues that need to be addressed. He explained the work that has been done to date. MacDonald discussed the Surface Water Reservoir Feasibility Study and displayed a map with possible locations for a reservoir on Moscow Mountain. He explained the considerations in choosing a location and the most likely locations to be chosen. Due to time limitations, the report on the surface water reservoir study will be continued to the next meeting.

The meeting concluded at 4:29 p.m.

COMPREHENSIVE WATER SYSTEM PLAN (CWSP)

PUBLIC WORKS/FINANCE
COMMITTEE

January 24, 2011

The project is a more than 85% complete, with the following major tasks completed:

The project is a more than 85% complete, with the following major tasks completed:

Data Collection: Done

Extensive inventory and data collection

City GIS system Updated

Recent projects integrated

Water System Description: Chapter 2

Draft Chapter completed – Edits Complete

Water System Description: Chapter 2
Draft Chapter completed

Service Area Policies: Chapter 3
Pending – Draft Chapter this week

Water System Description: Chapter 2
Draft Chapter completed

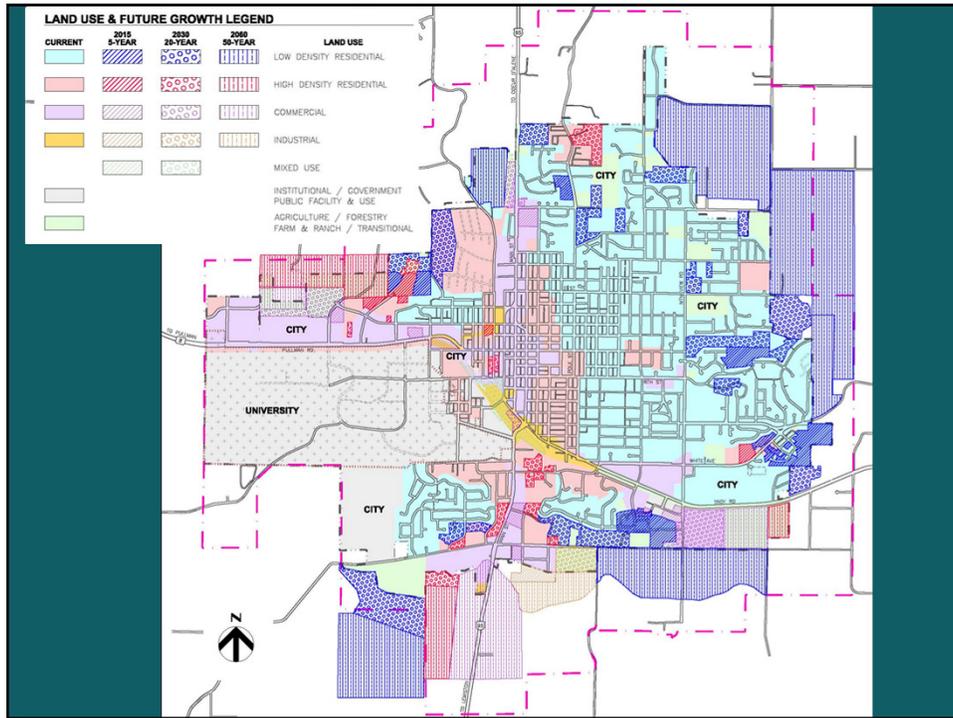
Service Area Policies: Chapter 3
Pending

Supply Requirements: Chapter 4
Demographics projections complete

Supply Characteristics Assessment – draft – Complete
draft for review this week

Demand forecasts – draft – Complete draft for review
this week

Fire Flow Assessments – draft – Complete draft for
review this week



Conservation Program: Chapter 5

Pending – Received copy of draft City plan – Have developed draft CWSP Chapter – Submittal this week

Conservation Program: Chapter 5

Pending

Water Rights/Supply : Chapter 6

Future Supply Assessment - draft

Water Rights Inventory - draft

Assessment Summaries – pending – Complete draft for review this week

Long Term Water Supply Options

Feasibility assessment and cost comparisons

Reclaimed Water, ASR, SWR, Enhanced Recharge

Complete draft for review this week

System Analysis: Chapter 7

Computer model developed

Model Calibration – complete

Demand allocations – complete

Source Capacity Analysis – draft - Complete

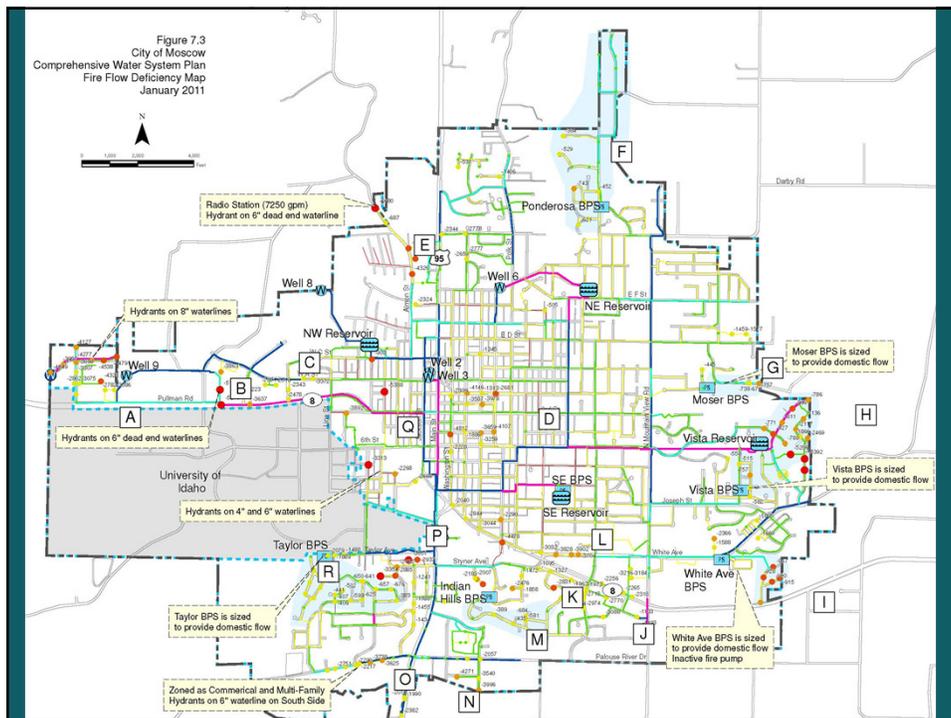
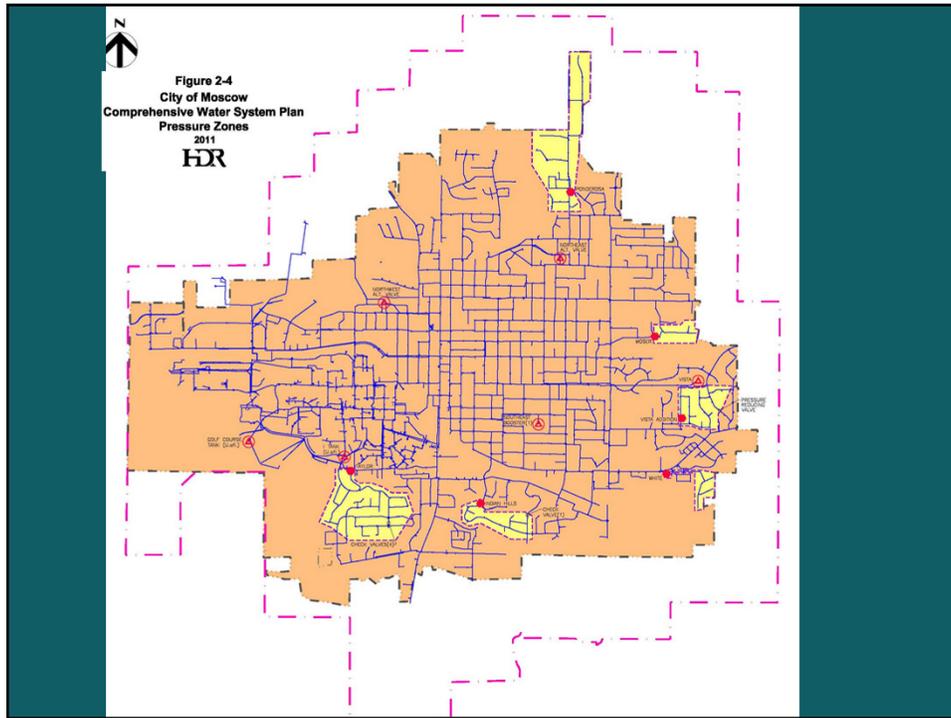
Storage Capacity Analysis – draft - Complete

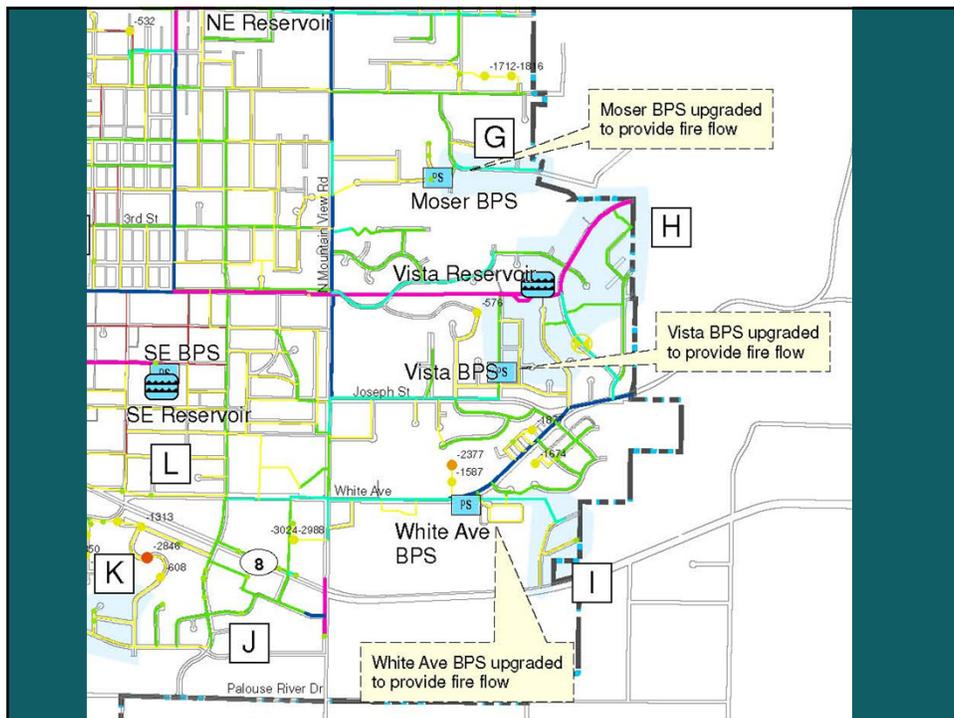
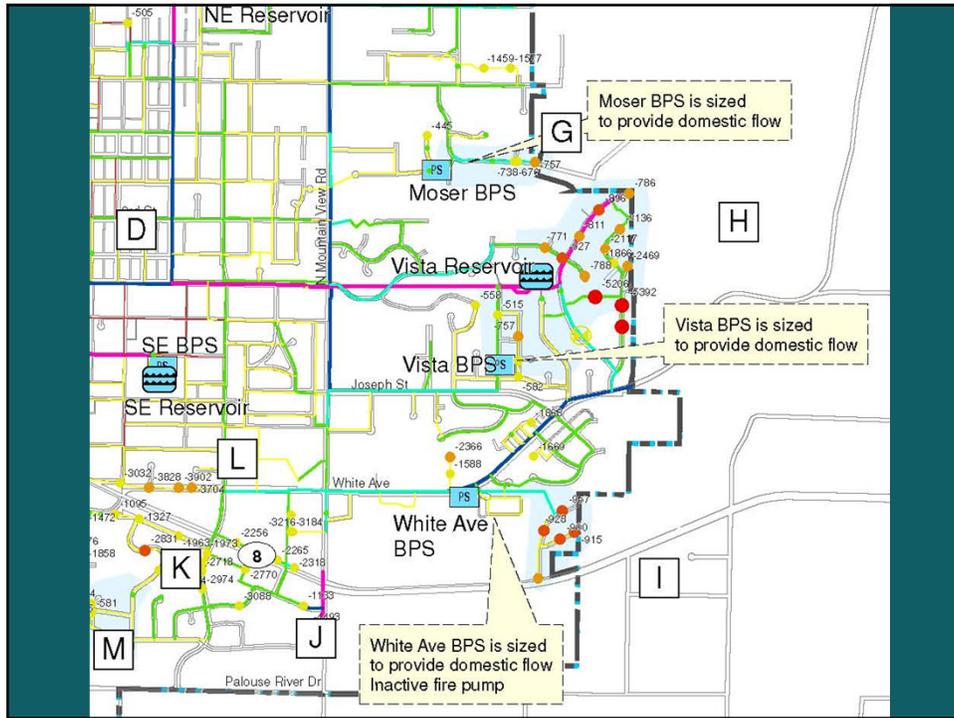
Treatment Capacity Analysis – draft - Complete

Distribution System Capacity Analysis – pending - Complete

Alternative demand scenarios – pending - Complete

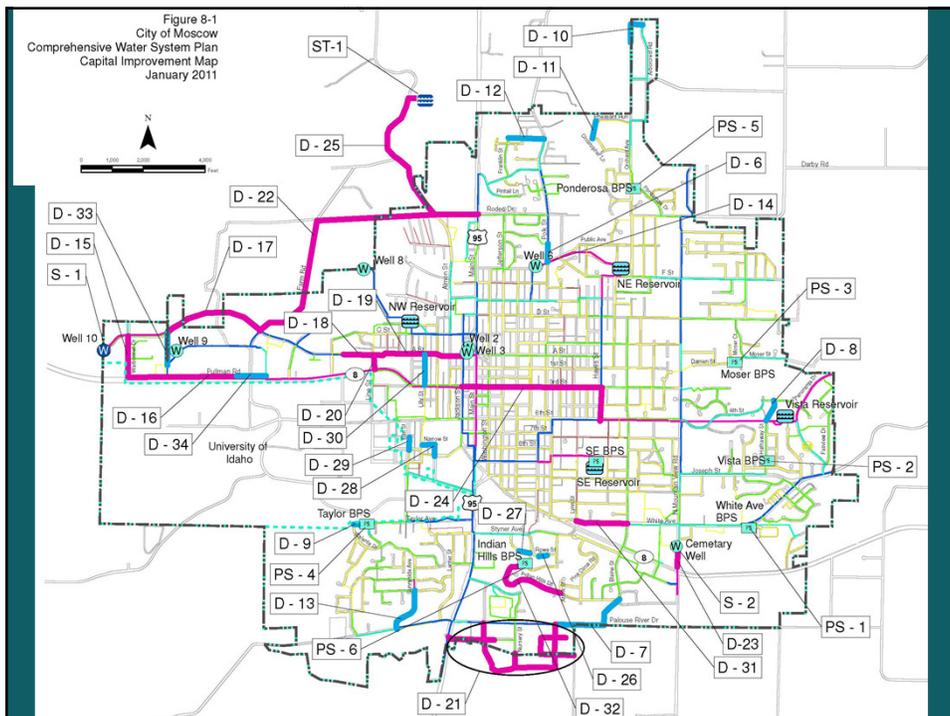
Extended Period Simulations – pending – Draft this week





Capital Improvement Plan:

Pending – 1st Draft complete - updated draft this week



Capital Improvement Plan:

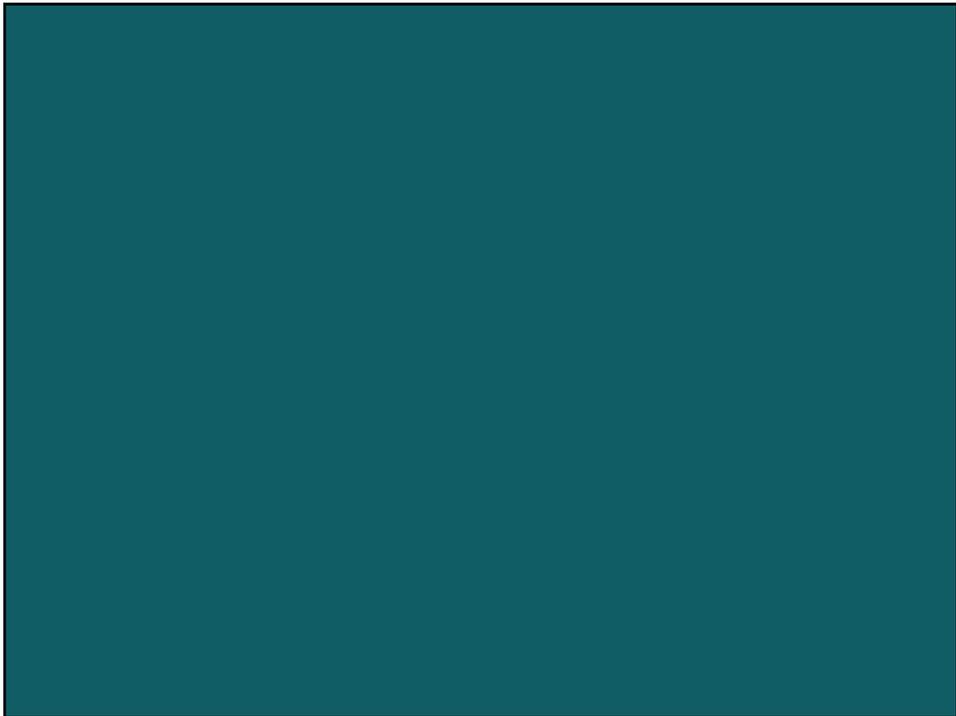
Pending

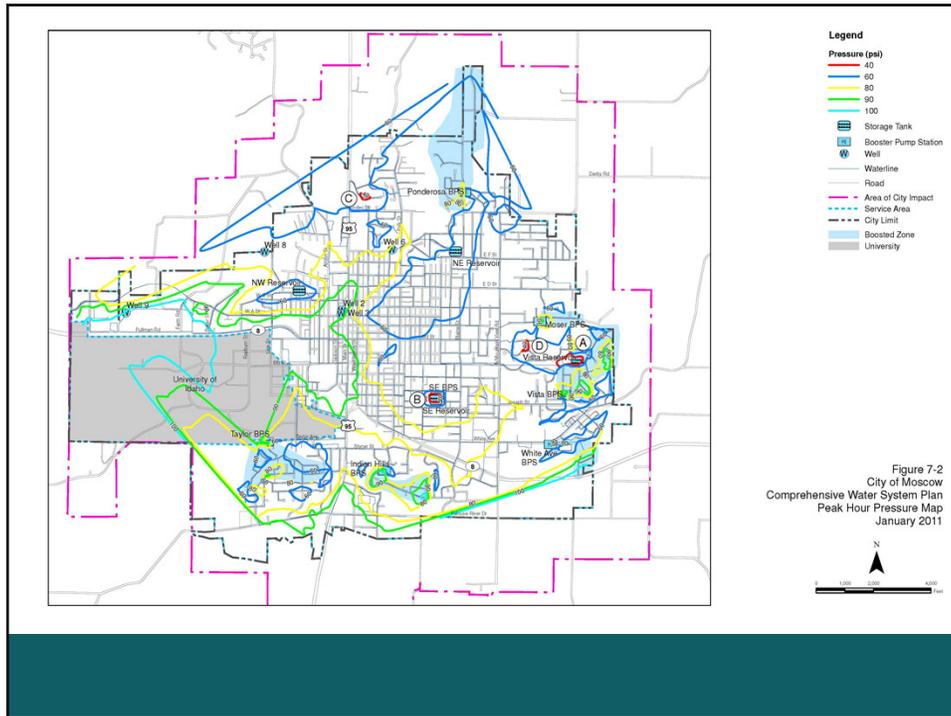
Financial Assessment:

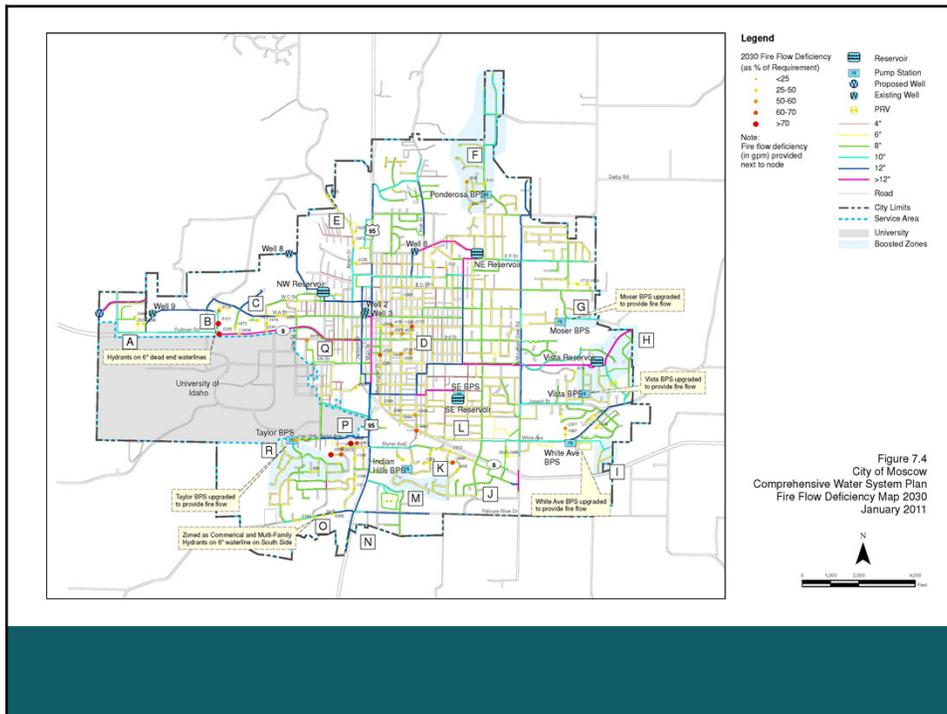
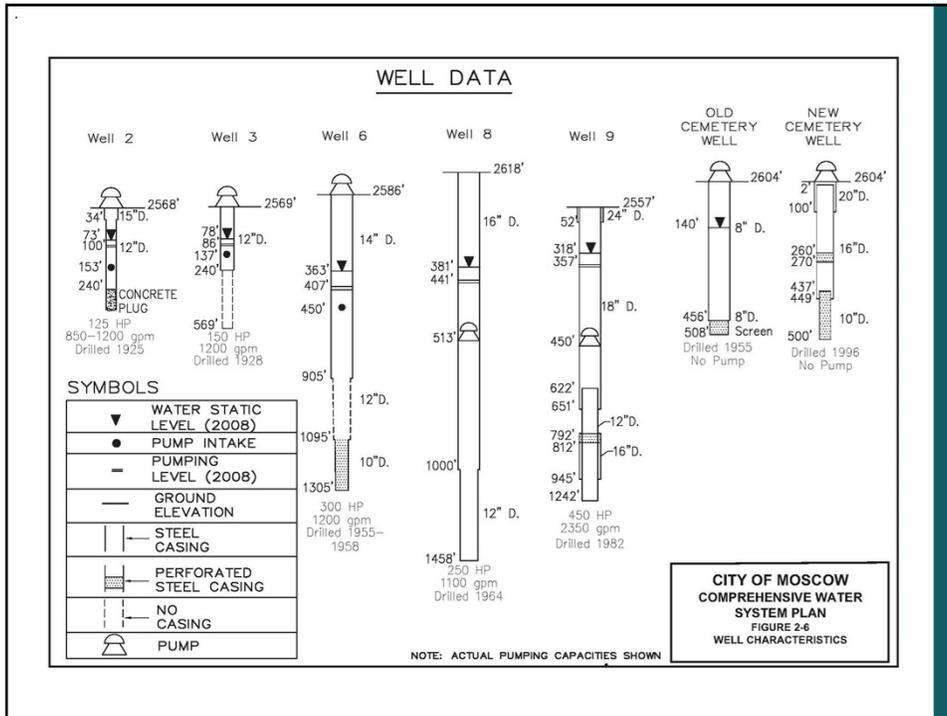
Pending – Expected in a week or two

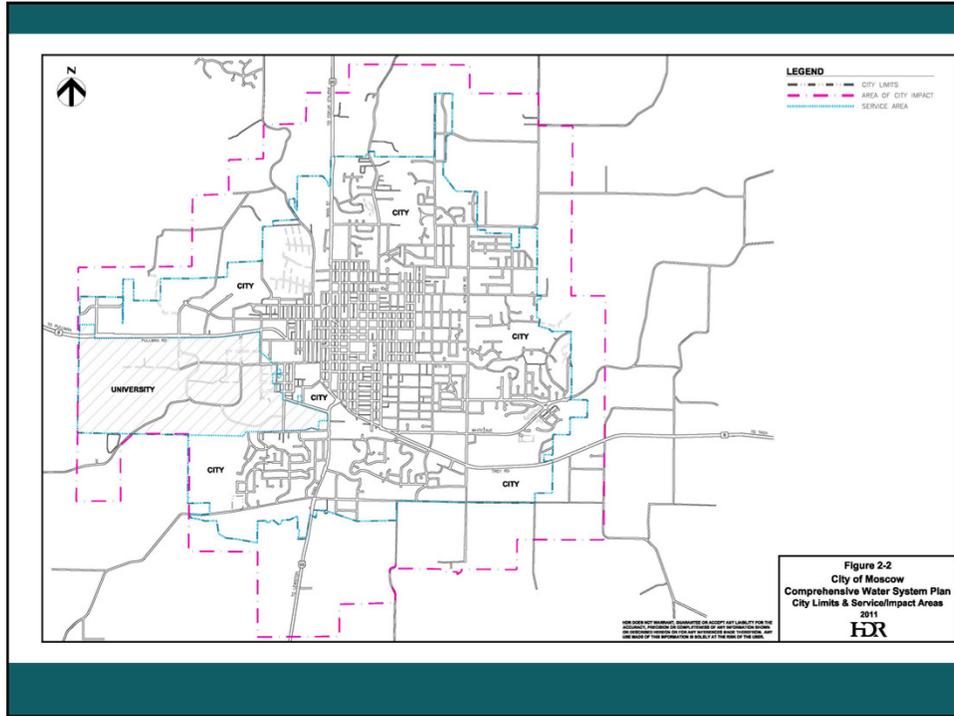
Entire plan in draft this week

QUESTIONS?









COMPREHENSIVE WATER SYSTEM PLAN

The City of Moscow is seeking public comments on a draft Comprehensive Water System Plan. Copies of the document can be viewed at the Public Works Department office in the Paul Mann Building (221 East 2nd Street), the Water Department office (201 N Main) or by visiting the City website at www.ci.moscow.id.us. Questions regarding the draft Plan may be directed to the Public Works Director, Les MacDonald (208-883-7028 or lmacdonald@ci.moscow.id.us) or Water Department Manager, Tom Scallorn (208-883-7107 or tscallorn@ci.moscow.id.us). Review comments should be directed to Pat Mink, Public Works Admin Assistant by mail at P. O. box 9203, Moscow, ID 83843 or by email at pmink@ci.moscow.id.us. The public review and comment period will commence October 17, 2011, and conclude November 7, 2011. A presentation of the Plan will be given to the City Council at the regularly scheduled meeting at 7:00 p.m. October 17, 2011, in the Council Chambers in City Hall.

5B LEGAL NOTICES

Legal Notices deadline is four working days prior to date of publication

Manufacturing and stockpiling of Maintenance, 3/8" Chips and Minus.

Public access to the Whitman County Courthouse is available at the Mill Street Entrance.

Public Hearing on October 11, 2011

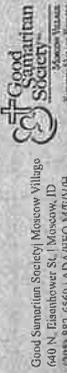
Come join the "A" Team at Good Samaritan Moscow Village. We currently have openings for

DIETARY AIDE PART TIME

MUST BE AVAILABLE DAYS, EVENING AND WEEKENDS ASSISTS RESIDENTS BY

SERVING MEALS, SETTING AND CLEARING TABLES AND SOME DISHWASHING

Apply on line at our web site www.good-sam.com

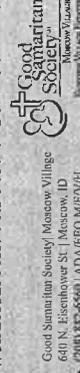


Come join the "A" Team at Good Samaritan Moscow Village. We currently have openings for

CERTIFIED NURSING ASSISTANTS PART TIME

DAYS/EVES/NIGHTS Applicants must have current C.N.A. Applications available on-line www.good-sam.com

Make a difference in someone's life today. This is a great opportunity to get to know the wonderful residents here at Good Samaritan.



POTLATCH SCHOOL DISTRICT #285 NOTICE OF SALE

Notice is hereby given that the Board of Trustees of Potlatch School District #285, Latah County, pursuant to Section 33-601, Idaho Code, as amended has determined that it is the best interest of said school district to sell the property as identified below

Description of property to be sold is as follows:

- 1995 Model 3800 International 59 passenger school bus, dta 466 engine, 6 + 1 manual transmission, 153,435 miles. Above said property will be sold by sealed bids only for not less than \$1,200 to the highest bidder.

-1988 Model 1853 International 30 passenger school bus, dta 360 engine + 2 wheel chair capacity, 5 speed manual transmission + 2 speed rear axle. (Wheel chair lift sold separately) Above said property will be sold by sealed bids only for not less than \$1,200 to the highest bidder.

-Ricon S-series wheel chair lift and accessories, 800 lb capacity. Above said property will be sold by sealed bids only for not less than \$300 to the highest bidder.

Sealed bids will be opened at 1:00 p.m. on October 31, 2011 at the Superintendent's office. Any bids received after the bid opening will not be considered.

Equipment is sold AS-IS/ WHERE-IS.

The Board of Trustees reserves the right to reject any or all bids. Gwen Burkgart, Clerk Board of Trustees Potlatch School District #285 Latah County, Idaho

PULLMAN REGIONAL HOSPITAL

The Palouse's Premier Healthcare Facility has the following employment opportunities:

- RN - BirthPlace - Supp
- Medical Technologist - PT
- Radiology Technologist - Supp
- Massage Therapist - Supp
- Certified Nursing Assistant - PT
- Patient Acct. Representative - FT

Please see our on-line application on our web-site at www.pullmanhospital.org

Human Resources

Pullman Regional Hospital
835 SE Bishop Blvd, Pullman, WA 99163
Phone: (509) 336-7373 Fax: (509) 332-4242
donna.haynes@pullmanregional.org

PUBLIC HEARING

NOTICE is hereby given that the Pullman City Council will hold a public hearing on Tuesday, October 18, 2011, at 7:30 p.m. in the Council Chambers of City Hall, located at 325 SE Paradise Street, Pullman, Washington, to hear evidence and consider comments and testimony of those wishing to speak about the moratorium prohibiting medical cannabis collective gardens in all zoning districts within the City of Pullman.

William F. Mulholland
Finance Director

Publish: October 15, 2011

NOTICE OF PUBLIC HEARING BEFORE THE LATAH COUNTY ZONING COMMISSION

Wednesday, November 2, 2011, 5:30 pm

The Latah County Zoning Commission will hold a public hearing on Wednesday, November 2nd, in Room 2-B, Latah County Courthouse, Moscow, Idaho, to receive comments on:

5:35 p.m. - CUP # 781A request by David Whitcomb for to renew conditional use permit #781 to operate a mineral resource development including excavation, crushing, and surface stockpiling on a portion of a 12.62 acre parcel in the Agriculture/Forest zone. The property is accessed off Old Highway 8, approximately 2.5 miles west of the City of Deary, in Section 29, Township 40 North, Range 02 West, E.M., in Latah County and referenced as Assessor's parcel number RP40N02W291819A.

Interested parties are encouraged to attend. Accommodations for individuals who qualify under the ADA are available upon request. Notice to acquire accommodations must be made 3 working days prior to the hearings to the Planning Dept. This hearing will be held pursuant to the Latah County Hearing Procedures Ordinance and under authority of the Idaho Local Land Use Planning Act, the Latah County Comprehensive Plan and the Latah County Land Use Ordinance. The Latah County Zoning Commission reserves the right to limit length of testimony.

Additional information, including copies of the proposal, is available from the Planning Dept., Latah County Courthouse, Moscow, Idaho, (208) 883-7220. Written comments will be accepted at the above office prior to the hearing.

Mauri Knott,
Associate Planner

WATER CONSERVATION ORDINANCE

Pursuant to City Code Title 5, Chapter 17, establishing an outdoor irrigation season, the Public Works Director, Les MacDonald, has consulted with appropriate staff, researched temperature and precipitation information, and determined that the 2011 Irrigation Season for the City of Moscow shall end October 22, 2011. Water customers of the City of Moscow are reminded that outdoor irrigation through means other than hand application is prohibited outside of the Outdoor Irrigation Season.

Additional irrigation information

Manufacturing and stockpiling of Maintenance, 3/8" Chips and Minus.

Public access to the Whitman County Courthouse is available at the Mill Street Entrance.

Public Hearing on October 11, 2011

**MINUTES
CITY OF MOSCOW
CITY COUNCIL REGULAR MEETING
October 17, 2011**

Mayor Chaney called the meeting to order at 7:00 p.m.

Present: Dan Carscallen; Tim Brown; Sue Scott; Walter Steed, Wayne Krauss, Tom Lamar
Nancy Chaney, Mayor

Staff: Gary Riedner, City Supervisor
Randy Fife, City Attorney
Les MacDonald, Public Works Director
Bill Belknap, Community Development Director
Dwight Curtis, Parks and Recreation Director
David Duke, Police Chief
Kathleen Burns, Arts Director
Leslie Moss, Human Resources Director
Jesse Flowers, Information Systems Director
Greg Morrison, Parks and Recreation
Tom Grundin, Parks and Recreation
Alisa Stone, Grants Manager
Stephanie Kalasz, City Clerk

RENEWING OUR FOCUS – Lamar explained that he invited the students of Mrs. Debbie Bell’s class from McDonald Elementary School. He held up posters made by the class during their study of philanthropy, responsibility and citizenship. The City of Moscow received one as did four other organizations. He had Mrs. Bell introduce the students and each one said what they think is great about the community. Mrs. Bell discussed some of the activities they do to help in the community. The class led the Pledge of Allegiance, “Star Spangled Banner” and “You’re a Grand Old Flag.”

1. Consent Agenda: Any item will be removed from the consent agenda at the request of any member of the Council and that item will be considered separately later. Approval by roll call vote.

A. Approval of October 3, 2011 Minutes - Stephanie Kalasz

B. Preliminary Disbursements Report September 2011 - Don Palmer

Presentation of the Preliminary Accounts Payable Report for month ending September 30, 2011. This was approved and signed by the Public Works/Finance Committee on October 10, 2011.

ACTION: Approve the preliminary report with the understanding that a follow-up final September report will be available showing the accrued expenses at the first Public Works/Finance Meeting in November.

C. Request Authorization to Pursue Professional Architect Design Services for Competitive Horseshoe Court Facility - Dwight Curtis

Staff is requesting authorization to solicit professional architect design services for the planning of a 12-court competitive horseshoe pit facility to be located at Mountain View Park. Funding for park design planning services is an approved budget line item #120-160-30-642-10. The project

includes the 12 courts, safety fencing, ADA access ways, amenities and landscaping. The project itself is not presently funded. However, local citizens are presently fund raising with an initial donation of \$5,000 already pledged. Construction of the project will take place when adequate funding is eventually reached by either private donors and/or in combination with future City budgets. The Parks and Recreation Commission voted to recommend approval of this project at their July 28, 2011 Commission meeting. This was reviewed by the Public Works/Finance Committee on October 10, 2011 and recommended for approval.

ACTION: Approve staff to solicit professional architect design services for the planning of a 12-court competitive horseshoe court facility to be located at Mountain View Park.

D. Proposed Revision to the City of Moscow Layoff and Recall Policy - Leslie Moss

The Layoff and Recall Personnel Policy had been revised to place the decision of which positions may be recommended for layoff with department heads. It also requires the City Supervisor to recommend a layoff plan to the Council based upon input from City staff and after consultation with the Mayor. The revised policy also allows temporary and part-time employees to continue to serve in important positions, like keeping the aquatics center open with temporary and part-time seasonal employees. The revised policy was reviewed by the Employee Advisory Committee on June 23, 2011 and they approved the revisions. The Administrative Committee reviewed the policy on September 26, 2011 and asked that the policy be clarified as it relates to retirement benefits, vacation leave and sick leave. The Layoff and Recall Policy has been further revised with paragraphs (4) and (5) added under Layoff. This was reviewed and recommended for approval by the Administrative Committee on October 10, 2011.

ACTION: Approve the revised Layoff and Recall Personnel Policy.

E. Child Passenger Safety Seat Grant - Alisa Stone/David Duke

The Moscow Police Department has participated in a child seat restraint program since 2003 by applying for funding to receive safety seats and by participating in Child Passenger Safety Technician Instruction classes. The community partners have alternated turns as the lead agency to apply for the funding and organize the events. In early 2011 the Moscow Police Department was asked to apply for the FY 2011 funding for safety seats and to continue training technicians and manage the distributing of the seats. In February 2011, Officer Marie Miller was notified there was a short window of opportunity to apply for funding to purchase safety seats to be distributed by the Police Department and their community partners (Success by 6, Gritman Medical Center, CareNet of the Palouse, Toyota of Pullman, and St. Joseph Medical Center). An application was submitted to the Office of Traffic and Highway Safety and the Idaho Chapter of the American Academy of Pediatrics under the Highway Safety Grant Program. The Moscow Police Department was awarded \$6,700 and was able to order 116 safety seats in various sizes. This was considered by the Public Works/Finance Committee on October 10 and recommended for approval.

ACTION: Ratify the acceptance of the car safety seat funding from the FY11 Highway Safety Seat Grant Program for \$6,700.

F. Wireless Communication Facility Agreement Amendment - Jesse Flowers

Staff has been approached by Cellco Partnership, dba Verizon Wireless with a request to amend a Wireless Communication Facility Agreement that was dated September 7, 2004. The amendment will allow for an additional three antennas and the supporting six cables to be installed on the water tank at Rotary Park. Staff has a draft amendment that allows the requested expansion and

increases the annual fee paid by Verizon Wireless by 25%. This was reviewed and recommended for approval by the Administrative Committee on October 10, 2011.

ACTION: Approve the amendment to existing Wireless Communication Facility Agreement between the City of Moscow and by Cellco Partnership, dba Verizon Wireless.

G. Intermodal Transit Center Project Phase II Professional Services Agreement - Bill Belknap

As the Council is aware, late last year the City received a \$1.5 million dollar TIGER II grant for the development of an intermodal transit center within the City of Moscow which will serve as the base of operations for the City's public transit provider and the University of Idaho's Parking and Transportation Services operations. A Request for Qualifications (RFQ) process was conducted last year and Design West and WHPacific were selected as the consultant team for the project. The project work was divided into two phases. Phase I included facility program development, facility site selection, site environmental review and the development of a conceptual design and construction cost estimate and was completed in June of this year. Staff was awaiting notification of several pending grant applications prior to entering into a professional services agreement for Phase II which was to include the final facility design, construction and bid document preparation and facility construction. The City has received notice that it was unsuccessful in one grant application and the announcement has been delayed by several weeks for the second grant program. As the project timeline necessitates us to proceed into final design at this time, a professional services agreement has been developed for Phase II to design a facility that can be constructed within the current project funding of just over \$2.0 million dollars. If additional funding does become available, a future contract amendment would likely be required to adjust the professional service fees. The Agreement provides for a base fee of \$158,000 (approximately 9% of the estimated cost of construction) plus up to \$7,000 in reimbursable expenses. This was reviewed and recommended for approval by the Administrative Committee on October 10, 2011.

ACTION: Approve the proposed professional services agreement.

Steed asked for item 1C to be removed. Krauss moved and Lamar seconded approval of the consent agenda minus item 1C. Roll Call Vote: Ayes: Unanimous. Nays: None. Abstentions: None. Motion carried.

Steed said he was not comfortable in hiring an architect to design a competitive horseshoe court. He does not have a problem with having more sports facilities in Moscow but he would like more information on this one. Curtis presented the issue as written above and displayed an aerial photo of the proposed location of the court. He explained the proposal and said his estimate for project completion is from \$80,000 to \$110,000. He discussed some possible funding sources for the project. He said participants in this activity can be all ages and skill levels. He displayed photos of courts in other cities. He said it is difficult to move forward with this type of project without Council support. There is no reason that this cannot be a first class facility just because it is not a glamour sport. It is okay to wait to build if a good facility costs more money. A nice court would bring in tournaments and it is something the citizens who use it could be proud of. There are ways to cut costs and have a first class facility.

Steed confirmed that there is not a horseshoe court budgeted. Curtis said there is park development funding. Carscallen asked about plans drawn by students. Curtis said the rules are that the plans belong to the University so the City would have a concept but would still have to hire someone to do the design. This is the starting step. Carscallen asked about the fence around the facility. Curtis said there will be gates but it is to keep people from running through and to keep horseshoes from coming out. It is a safety fence.

Brown said there are a number of people who use the courts around town. He supports the project and the money for architectural drawings is in the budget. Lamar said he supports this as well and would like to move forward with it. There are private contributions as well. He asked about the scale of the drawing. Curtis said the court might be shorter but wider. Krauss asked how much of the money is carryover from FY2011 and was told none. Curtis confirmed that he is willing to spend one-third of the money in park development to plan for this facility. Krauss said he is concerned about pushing other parks that need to be developed further back. Curtis said that could be said about many things. This is a very small amount of money compared to what is needed for some of the undeveloped parks. Parks can be very usable without development. Our own Code requires some big things before other development of a park can be done. Scott asked if the donation is for design or implementation. Curtis said he believes it is for building the facility. Scott asked about reducing the cost by using some professional volunteer help which is more likely to happen if a plan is ready.

Kay Keskinen, 1042 Harding Street, read a statement in favor of the horseshoe courts and said they have people who are willing to contribute to the project. It is a lifelong sport and an updated court will allow people of many different abilities to play. The new court would allow nationally sanctioned tournaments to be held in Moscow as well. It is a good use for that space. She said the fencing is required. She said they offer a free horseshoe clinic in May. Steed asked how many people use the courts in Moscow. Kay said there are 13 doubles teams in Moscow and singles as well but that is just in the league, there are many other people who pitch. Some cities have official clubs. These courts are very low maintenance. Krauss asked why the stake has to lean forward. Kay said there are physics involved and she explained.

Steed said he supports the idea and recreational facilities in Moscow. He said the City wants to work on the Joseph Street ball fields where there are hundreds of people to play. He said over \$100,000 is being committed tonight. He does not think thousands of dollars should be spend to design something that will not be built. There was something similar in 1997 with the skateboard park. The City paid about 50% of the construction for the park. When a project has been decided on, then the financing is found and then an attempt can be made to build it. He would back the project if the supporters raise a certain amount of money first and then the City can come up with part of it. Mayor Chaney said the skate park has been very successful.

Carscallen said he is reminded of the movie Field of Dreams because people will come out if the court is built. There are a lot of people who will be able to use it and it will get a lot of use. It would be nice if it could be used year-round. If it is designed then people can move forward with the fundraising. Lamar agreed that a design will assist with fundraising and if tournaments come here, restaurant and hotel receipts will bring that money back into the community.

Riedner said this is very much like the skate park. He explained how that project was funded. He said the engineer was obtained prior to the funding for building the park being done. Krauss said the design for the skate park did move forward prior to having funding to building the park. When things get more financially strained for families and they are unable to travel, it is nice to have a no-cost activity to participate in. He would like to see grant money and donations obtained to fund the project. He thinks it would be a good investment. Scott said she does not feel bad about having a plan done now because the plan will still be good after several years. She moved and Lamar seconded to approve the request. Roll Vote: Ayes: 5. Nays: Steed. Abstentions: None. Motion carried.

2. **Mayor's Appointments – Mayor Chaney** – No appointments were offered.
3. **Public Comment and Mayor's Response Period (limit 15 minutes)** - For members of the Public to speak to the Council regarding matters NOT on the Agenda; not currently pending before the Planning and Zoning Commission or Board of Adjustment; not the subject of a pending enforcement

action; and not relative to a City personnel matter. Please state your name and address for the record and limit remarks to three minutes. Mayor will respond to comments from previous meeting.

No public comment was offered.

4. Moscow Chamber of Commerce Report - Steven Hacker – Rescheduled to a later date.

5. Citizen Commission Report - Moscow Arts Commission - Kathleen Burns

Tristan Sokol, high school member of the Moscow Arts Commission, introduced himself. He displayed the Commission member names. He said there is a subcommittee for public art guidelines and discussed what that involves as well as displaying photos of some of the projects. He said another subcommittee is the Farmers Market Advisory Committee and he explained what they do. He discussed the Plein Air painting competition and displayed some of the paintings. He said the Arts Commission provides children's entertainment on Thursday evenings in the summer followed by the Moscow Arts Commission Band. He listed some of the other events and projects sponsored by the Commission and read the list of upcoming projects. Mayor Chaney thanked the Commission for their work. Sokol encouraged people to join the Commission because there are vacancies at this time.

6. 2011 COPS Hiring Program Grant Award - Alisa Stone/David Duke

On May 25, 2011, staff submitted a grant request to the U.S. Department of Justice, Office of Community Oriented Policing Services (COPS) under the 2011 COPS Hiring Program (CHP) requesting funding for two (2) sworn police officer positions within the Operations Division of the Moscow Police Department. The CHP program funds entry-level salaries and benefits for three (3) years for newly-hired, full-time sworn police officer positions (including filling existing unfunded vacancies) as a result of budget cuts. Local match is not required and a funding award is based on current entry-level salary and benefits package. At the end of the three (3) year period, grantees are required to retain the sworn police officer positions awarded under the CHP grant for a minimum of one (1) year. The retained CHP-funded position(s) are to be added to the grantee's law enforcement budget with state and/or local funds, over and above the number of locally-funded positions that would have existed in the absence of the grant award. On September 28, 2011, Police Chief David Duke received an award letter via email stating the COPS Office had approved the Moscow Police Department for two (2) sworn police officer positions for the three (3) year grant period in the amount of \$420,734 with an effective start date of September 1, 2011. The final award package was received on October 5, 2011, which includes an award letter, COPS Hiring Program Financial Clearance Memo, Final Funding Memo, and an Award Document to be executed by the Chief of Police and Mayor. These documents are attached to this report in addition to the Grant Acceptance, Terms and Conditions which provides the specific detailed information on the requirements of the award. Also included with this report are several pages from the original grant application detailing the activities that will be performed by the Moscow Police Department during the three (3) year award period. This was reviewed by the Public Works/Finance Committee on October 10, 2011 and recommended for approval.

ACTION: Accept the COPS Hiring Program Grant Award, effective September 1, 2011, for two (2) sworn police officer positions for a three (3) year grant period in the amount of \$420,734, or take other such action deemed appropriate.

Duke presented the issue as written above and explained what each position would be doing. He discussed the City's responsibility in accepting the grant and said that it will allow staffing levels to be back up to the 2009 levels. Krauss said the City will have to train the officers including POST and he asked about any possible concerns with that. He confirmed that the City's expense would be saved if someone is hired who already has the training. Duke said it has to be entry-level officers not a lateral

move. Riedner said after three years, the positions will have to be funded by the City for one year. He explained that if revenues went down, there is a way that the City could reduce staff if necessary. Stone said if there is financial hardship and the City is unable to fund the positions, it will not be able to apply for this program again for another three years. Carscallen asked if the City has received this grant before. Stone said yes but it was different. Riedner said the City received federal funding to increase the size of the force in the 1990s.

Dale Kleinert, Moscow School District Superintendent, said they support this proposal. He said that they have a great interagency agreement with the Police Department and working with them is fantastic. Both positions are needed in the community. More and more children are walking in our community and any presence of the officers is important for the schools. He has worked with Chief Duke and everything mentioned in the grant is true. The School District will look for grants to help if possible.

Brown said the program is primarily directed at the public school system and he asked if the other schools will benefit as well and he was told yes that private and charter schools were also mentioned. He asked about funding for the fourth year. Riedner said the City has the resources to do this and it must be considered in future planning. There was discussion about budgeting for the position. Mayor Chaney said the City's need is apparent just by receiving this very competitive grant. It is an opportunity for additional funding and there are three years to plan for paying these individuals.

Carscallen confirmed that the City still has less than the recommended number of officers per capita. He moved to accept the COPS program hiring grant and Lamar seconded the motion. There was discussion about when the City would start budgeting for the salaries. Scott said if the City is paying for one year out of four, it is getting two officers for 25% of the cost. Roll Call Vote: Ayes: Unanimous. Nays: None. Abstentions: None. Motion carried.

7. Draft Comprehensive Water System Plan presentation - Les MacDonald

The City of Moscow advertised for statements of qualifications for the development of a Comprehensive Water System Plan in the spring of 2009. Eight submittals were received and three firms were selected for interviews. HDR of Pasco, Washington was selected to conduct the study. During the summer of 2009 the City and HDR agreed on a final scope of work and Council approved the Professional Services Agreement. The City received a data request from HDR in the fall of 2009 and provided the requested reports, agreements, maps, previous applicable studies, hydraulic modeling data, technical information, and numerous relevant documents. During the winter of 2009 and into summer of 2010 City staff and representatives from the consultant developed information for use in calibrating the new hydraulic computer model prepared as a part of the comprehensive plan. Jeff Hansen of HDR's Olympia office will make a presentation that summarizes the process and the results of the study. The presentation will coincide with the start of the public comment period on the draft Plan which will extend until November 7th.

ACTION: Receive the presentation on the draft Comprehensive Water System Plan and proceed with the public comment process; or take other action deemed appropriate.

MacDonald presented the issue as written above and said the comment period on the Draft Comprehensive Water System Plan (CWSP) started today. He introduced Jeff Hansen of HDR's Olympia Office to present the Plan. Hansen gave an outline of his presentation and discussed the purpose of the CWSP. He went through the timeline for the Plan and explained that one of the components is to document the system so there is a chapter describing the system. He discussed system components. He displayed a chart of current water consumption characteristics and discussed a 50 year population and water demand forecast. He explained what is considered in terms of water conservation. Water system leakage at less than 10% is considered good and Moscow's is less than 7%. He said there are ways to

tighten up the system including four packages that can be considered. He discussed the City's source of supply and went through the analysis that was done. The City's groundwater rights are sufficient for the 50 year forecast but the plan looks at a variety of options due to the sustainable management of the Palouse Basin groundwater. He talked about the pros and cons of different options.

Carscallen asked if all of the options are included. Hansen said these are the options that were chosen last year to include in the Plan. MacDonald said there can be options used in conjunction with each other and he discussed some of the possibilities. There was discussion about how much water is stored in the hydrant system and how much water is used to backwash the filters. Scott asked about using reuse water in the hydrant system. Steed said that would not be helpful but a separate purple pipe irrigation system would be beneficial. Hansen said there are other considerations for a separate fire system because the water can go stagnant.

Hansen went through a source capacity analysis. Redundancy improvement is already planned. Steed asked about Well #10. MacDonald said Well #10 is a second point of withdrawal for Well #9. The usage would not be increased but if necessary, the City could apply for a water right to use more water from those wells. There was discussion about water rights. Hansen said a storage capacity analysis was done as well. He discussed the purpose of storage and analyzed scenarios. Steed asked about the choice of scenarios and Hansen said they figure a worst case. Hansen indicated that a key component is that a Hydraulic Model was made for the City to analyze various scenarios. He explained what it does and discussed the distribution system analysis. Some improvements have been identified to address issues with fire flow to the outer edges of the community. There was discussion about improving fire flow to areas of the community that are lacking and what the goal is.

Hansen said the Capital Improvement Plan is identified to resolve deficiencies in the program. He discussed the proposal including timeframe and cost. A financial assessment was also done including a forecast of utility revenues. Revenue adjustments will be addressed in the Water Rate Study.

Carscallen asked about the University system not being included in the document and was told that it is a separate system. Steed asked if the 9.9 million dollars would be covered with the current rates. MacDonald said it will get us on our way. There is some funding in hand and the revised study will make adjustments to help us get to that point. The goal is to fund the system through rates rather than going through bonds.

The Council accepted the report.

REPORTS:

Administrative Committee – Carscallen said most items discussed by the Administrative Committee were covered on the Council agenda. They heard a report on Safe Routes to School educational encouragement and a report on over-legal loads.

Public Works/Finance Committee – Krauss said the items discussed by the Public Works/Finance Committee were covered on the Council agenda. They did hear a report on the Wren Welcome Garden public art project.

Other Boards & Commissions

Moscow Volunteer Fire Department – Krauss said he attended the Moscow Volunteer Fire Department meeting. There is nothing major going on at this time.

Planning and Zoning Commission – Scott said the Planning and Zoning Commission is discussing the Legacy Crossing overlay zone and the Unified Code Plan.

Arts Commission – Lamar said he did not need to add on to the Arts Commission report already given this evening. He is participating in the Wren Garden Public Art Project Selection Committee.

Steed and Brown discussed events they attended over the past few weeks which included the Water Summit and Quarterly Regional Breakfast.

Tree Commission – Steed said the Tree Commission is continuing to do workshops on planting and pruning.

Fair Housing Commission – Steed said the Fair Housing Commission received a proposal from the Geography Department at the University of Idaho to have students perform a survey as part of the update to the Analysis of Impediments to Fair Housing. The Commission felt that the price quoted was too high so they are going to negotiate that price down.

Clearwater Resource Conservation and Development – Brown said he attended the annual meeting and the speaker presented on bio-weed control.

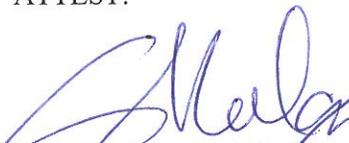
Transportation Commission – Brown said Lilly gave a report on the Multi-Modal Transportation Study which should be finished in approximately 24 months. The Sidewalk System Improvement Plan proposed by Tyler Palmer and Kevin Lilly was distributed and well received.

Mayor – Mayor Chaney said she had an Economic Development Council Board meeting and they are in the process of finding an Executive Director. There was a special Airport Board meeting that she attended because Alaska Air was soliciting ideas for promoting the Moscow/Pullman Airport. There are special prices for conferences for as few as 10 people. Mayor Chaney discussed Walk and Bike to School. She reminded everyone of the Commission Fair on the 18th.

The meeting adjourned at 9:29 p.m.


Nancy Chaney, Mayor

ATTEST:


Stephanie Kalasz, City Clerk

