

SWPPP - TECHNICAL REVIEW COMMENTS

Project Name:

Date:

Plan Reviewer Contact Information

Name: **Nestor Gallo, P.E.** Address: 275 East 200 North, American Fork, UT 84003
 Phone: (801) 763 3060 / Cell: (801) 404 7969 Email: ngallo@afcity.net

Site Plan Review: The intent of the plan review is to verify compliance with current City Ordinances, State Regulations, and Federal Laws.

The comments are not final and are open for discussion with the Developer and his/her Consultant/s.

Items that are not codified by City, State or Federal law, will be presented as "recommendations" to the applicant.

Compliance or non - compliance with the Engineering Division recommendations does not weight on the final decision to advise Approval or Denial to the Land Authority.

Recommendation for Approval or Denial: Based on the accuracy and completeness of the plans and reports submittal, the Engineering Division will prepare a staff report with a recommendation for Approval or Denial for the Planning Commission and/ or City Council.

The Applicant has the right to review the staff report before the Public Hearing with the Planning Commission and/ or City Council.

The Applicant has the right to submit additional information or reports to support or reverse a recommendation from staff. This information must be submitted in writing at least 7 working days before the date of the Public Meeting

Next Submittal (If needed): Please, provide any pertinent notes and documentation that may help to support the compliance with local, country, state and federal laws for the proposed development.

Please, submit a set of 17x 11 set of plan with a legible lettering size (Leroy 100 or 120 minimum). If some of the comments do not apply to the submittal, please, let the Plan Reviewer know why. All the responses to the plan review comments must be done in writing and stamped, signed and dated by a Utah State Licensed Professional as required by the Utah State Division Of Professional Licensing.

Please, submit the following reports, plans and documents:

- Erosion and Sedimentation Control Plan (SWPPP) (AF Ord. 2010-06-16)
- Revised set of plans / plat
- Electronic copy of the plans/ plat using AutoCAD 2012 or previous version
- Evidence of payment of the required plan review fees
- Storm Water Management Report (AF Ord. 2010-06-16)
- Land Disturbance Permit (AF Ord. 2010-06-16)
- Notice Of Intent for Construction Activities (AF Ord. 2010-06-16)
- Notice Of Intent for Industrial Activities (AF Ord. 2010-06-16)
- Storm Water Maintenance Commitment (AF Ord. 2010-06-16)
- Storm Drain Detention Pond Easement (AF Ord. 2010-06-16)
- Storm Water Pipe Maintenance Easement (AF Ord. 2010-06-16)

#	Plan Review Questions	Answers and Comments																												
1	Does the SWPPP sheet include a Project name in bold letters?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Show the project's name on the top - center of the page																												
2	Does the SWPPP Sheet include the project's address?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A Show the project's address on the top-center of the page																												
3	Does the SWPPP Sheet include a vicinity map?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Show a vicinity map with a scale not greater than 1" = 400'																												
4	Does the SWPPP Sheet include an Abbreviations Table?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Show an Abbreviation Table for the plans submitted for review																												
5	Does the SWPPP Sheet include a Legends Table?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Show a table with the common symbols used on the preparation of the plans																												
6	Does the Cover Sheet include a Contact List for the Developer, Consultants and Utility Contacts?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Show an updated Contact List table for the Developer, Engineer, Architect, Utility Companies and City Staff																												
	<table border="1"> <thead> <tr> <th>Company</th> <th>Contact</th> <th>Phone</th> <th>Address</th> </tr> </thead> <tbody> <tr> <td>AF Storm Drain Sewer</td> <td>Aaron Brems</td> <td>(801) 404 6162</td> <td>275 East 200 North American Fork, UT 84003</td> </tr> <tr> <td>AF Storm Water Inspector</td> <td>Harlan Nielson</td> <td>(801) 404 6361</td> <td>275 East 200 North American Fork, UT 84003</td> </tr> <tr> <td>AF Flood Irrigation Company</td> <td>Lee Searle</td> <td>(801) 756 6626</td> <td>475 West 700 North American Fork, UT 84003</td> </tr> <tr> <td>Timpanogos Special Service District</td> <td>Jon Adams</td> <td>(801) 756 52 31</td> <td>6400 North 5050 West Utah County, UT 84003</td> </tr> <tr> <td>Lehi City Sewer and Water</td> <td>Lee Barnes</td> <td>(801) 836 1036</td> <td>2538 North 300 West Lehi, UT 84043</td> </tr> <tr> <td>Mitchell Hollow Irrigation</td> <td>Jeff Mitchell</td> <td>(801) 367 9026</td> <td>802 West 700 North American Fork, UT 84003</td> </tr> </tbody> </table>	Company	Contact	Phone	Address	AF Storm Drain Sewer	Aaron Brems	(801) 404 6162	275 East 200 North American Fork, UT 84003	AF Storm Water Inspector	Harlan Nielson	(801) 404 6361	275 East 200 North American Fork, UT 84003	AF Flood Irrigation Company	Lee Searle	(801) 756 6626	475 West 700 North American Fork, UT 84003	Timpanogos Special Service District	Jon Adams	(801) 756 52 31	6400 North 5050 West Utah County, UT 84003	Lehi City Sewer and Water	Lee Barnes	(801) 836 1036	2538 North 300 West Lehi, UT 84043	Mitchell Hollow Irrigation	Jeff Mitchell	(801) 367 9026	802 West 700 North American Fork, UT 84003	
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7	Are the plans stamped "PRELIMINARY - NOT FOR CONSTRUCTION"?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Plans and reports for review must be stamped "FOR REVIEW ONLY" or "PRELIMINARY – NOT FOR CONSTRUCTION"																												
8	Are the plans stamped, signed and dated by a Utah Licensed Professional?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A In compliance with the Utah State Division Of Professional Licensing, plans submitted for review to a government agency must be signed, stamped and dated by a Licensed Professional																												
9	Does the site plan include a thick boundary lines with lines' bearing and distance?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Show the property boundary line using a thick line and include the lines' bearings and distances																												
10	Does the SWPPP plan show existing surface drainage including streams, ponds, culverts, ditches, and wetlands?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Show existing drainage features																												
11	Does the SWPPP plan show the type, size and elevation of the nearest upstream and downstream drainage structures, slope and drainage arrows?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Survey all the storm drainage existing features of the areas surrounding the construction site																												
12	Does the SWPPP plan show the proposed tabulation of the percentage of surface area to be adapted to various uses?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Show a table with the percentages of areas to be disturbed by the construction of this project																												
13	Does the SWPPP plan show structural BMPs?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Show structural construction BMPs																												

14	Does the SWPPP plan include the infiltration rates verified by percolation test or by geotechnical report?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Show percolation or infiltration rates as verified on the field by a Geotechnical Engineer
15	Does the SWPPP plan show existing/ proposed culverts, storm water sewer pipes, ditches and/ or other storm conveyance capacities?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Show existing drainage features
16	Does the SWPPP Plan shows existing contour lines as dashed fine lines with a contour label?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Show existing contour lines and drainage pattern
17	Does the SWPPP Plan show the proposed / new contour lines with solid thick line and contour labels?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Show proposed contour lines
18	Does the SWPPP Plan show the installation of an oil/ water separator?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Show the location and type of oil/ water separator
19	Is the site plan free of manufacturing facilities during or after construction?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Disclose if this site will manufacture construction projects materials such as a concrete mix batch plant
20	Is the site plan free of chemicals or hazardous materials storage?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Disclose if any hazardous materials will be store in this parcel during or after construction
21	Is the site plan free of areas designated for vehicle's maintenance?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Disclose if any vehicle maintenance will be performed within this parcel during or after construction
22	Does the SWPPP show an area for construction worker's parking area?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Show the most probable location for this Best Management Practice (BMP)
23	Does the SWPPP show the location for the SWPPP Board BMP?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Show the most probable location for this Best Management Practice (BMP)
24	Does the SWPPP plan show a material storage area?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Show the most probable location for this Best Management Practice (BMP)
25	Does the SWPPP plan show the equipment wash out area?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Show the most probable location for this Best Management Practice (BMP)
26	Does the SWPPP include the location of the concrete wash out area?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Show the most probable location for this Best Management Practice (BMP)
27	Does the SWPPP plan show the location of the construction entrance/ exit?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Show the most probable location for this Best Management Practice (BMP)
28	Does the SWPPP plan include the location of the portable toilet?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Show the most probable location for this Best Management Practice (BMP)
29	Does the SWPPP include the installation of storm drain inlet protection BMPs?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Show the most probable location for this Best Management Practice (BMP)
30	Does the SWPPP plan include the location of the perimeter storm runoff controls such as silt fencing, berms, etc?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Show the most probable location for this Best Management Practice (BMP)
31	Does the SWPPP plan include Non-Structural post construction BMPs?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Show the most probable location for this Best Management Practice (BMP)
32	Does the SWPPP plan include calculations for the C value for existing and post construction conditions?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Calculate the coefficient of permeability before and after development

- 33 Does the SWPPP plan include a Certification Statement signed, dated and stamped by a Utah State Professional Engineer? YES NO N/A

Add the following Certification Statement:
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations." PE STAMP, SIGN AND DATE
- 34 Does the SWPPP plan include calculations for the disturbed area (grading)? YES NO N/A

Estimate the amount of area being disturbed by the new construction. If exceeding one acre, the DEVELOPER will need to submit a copy of the NOI filed with the Utah State DWQ
- 35 Does the SWPPP plan submittal include a Storm Water Management Program report? YES NO N/A

The size and type of project requires the submittal of a Storm Water Pollution Prevention Management report. Contact the Engineering Division for an electronic template
- 36 Does the plan submittal include a Hydrology and Drainage study? YES NO N/A

Submit a Hydrology analysis with pipe and detention/retention pond storage sizing calculations
- 37 Does the submittal include a geotechnical report? YES NO N/A

Submit a Geotechnical Report in compliance with American Fork City standards
- 38 Does the submittal include a Sensitive Land Overlay Study? YES NO N/A

Submit a Sensitive Land Overlay Report in compliance with the American Fork City Ordinances
- 39 Does the submittal include an A.L.T.A. survey sheet? YES NO N/A

Submit an A.L.T.A. Survey to verify recorder easements and special features identified for preservation
- 40 Does the SWPPP plan show the approximate limits of disturbance? YES NO N/A

Show limits of disturbance environmental fence around wetlands or areas with trees identified as to be protected in place
- 41 Does the SWPPP plan show existing trees to be preserved? YES NO N/A

Show any endangered species of trees that may need to be preserved or protected during or after construction

Plan Reviewer Certification Statement: I certify under penalty of law that this plan review and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete.

.....
Signature

Print Name: Nestor Gallo, P.E.

Date:

Title: Private Development Engineer