

28. Appendix B

28.1. PPACG Water Quality Management Plan Amendment Process

The 208 Plan details the regional considerations for protection of water quality. In so doing, it projects growth and development trends in the area and establishes a rational plan for accommodating growth. A plan objective is to avoid unacceptable adverse environmental impacts which might be caused by allowing wastewater services to be provided through numerous entities for facilities in an uncoordinated fashion. The Regional Plan amendment process is designed to maintain flexibility in the plan so that unanticipated events can be accommodated when it is shown to be in the best interests of the region. These events include site approvals for new facilities and service area boundary changes. For site approvals, the Site Approval Application Review Process must be pursued in conjunction with the plan amendment process.

When new domestic wastewater treatment works (i.e. treatment facilities, lift stations, or interceptors) are proposed which are not identified in the Regional Plan or when expansions or modifications of existing facilities are proposed which would allow them to serve a greater population than specified by the Regional Plan, State regulations indicate the Regional Plan should be amended to incorporate the proposed facility changes before Site Approval can be granted. Amendment of the Regional Plan adds time to the site approval process, but the added time can be minimized by expeditious pursuit of a plan amendment as soon as possible prior to submission of the site approval application.

Also, any significant modification of the service area boundaries of an existing Operations Agency or any formation of a new Operations Agency requires an amendment of the Regional Plan. A new agency must be listed as a designated Operations Agency, and the service area boundaries must be consistent with what is delineated in the Regional Plan in order for review and approval of siting of new wastewater collection and treatment facilities according to State Regulations.

The following Regional Plan amendment process details the criteria for determining whether a given project would require no amendment, a minor amendment, or a major amendment, and it presents the amendment procedure. An applicant should be aware of this procedure and the supplemental information and processing time it requires.

1. Determination of Amendment Requirement

- i. PPACG Staff and the WQMC will review the information and make a

recommendation to the PPACG Board if an amendment is necessary.

- ii. The PPACG Board has the final responsibility of determining the plan amendment requirements.

2. Basis for Determination

- i. No plan amendment is necessary if the proposed project is in conformance with the Regional Plan.
- ii. A plan amendment will not normally be required when:
 3. The project proposes changes in treatment process for improving water quality that do not increase the capacity of the treatment plant.
 4. The project is a pumping station to serve an area within the approved service area of the applying Operations Agency, with the population to be served already included in the Regional Plan projections.
 5. The project proposes a minor adjustment in service area boundaries involving less than 10 acres.
 - i. A minor amendment will normally be deemed necessary if the proposed project involves providing sewage service which meets one of the following:
 6. The amount of sewage generated and served through a treatment facility, pump station, or interceptor is outside of the service area and is less than 50,000 gpd (population equivalent of 667 people based on 75 gpcd).
 7. The addition of more than 10 but less than 160 acres to a service area.
 8. The addition of an area to a defined service area that does not cause an increase of projected population greater than 667 people.
 - i. Minor amendments are changes for which water quality impacts or major conflicts are not anticipated and must be agreed upon by the Management Agency, PPACG, and the State Water Quality Control Division.
 - ii. An amendment will be considered major if it involves a proposal to serve a new area, development of a new wastewater treatment plant or

provide increased capacity more than that stated above for a minor amendment. These major amendments warrant the highest level of attention and priority as stated in Policy 98-2 adopted by the State Water Quality Control Commission.

9. Amendment Procedure

- i. Upon initial submittal of a 208 Plan amendment to the PPACG for review, a determination of whether the application is complete will be made, generally within 15 days of submittal. Applications deemed incomplete will be returned to the applicant.
- ii. Once an application is found to be complete, the decision on whether a plan amendment is necessary and whether it is major or minor is made. If an amendment is required, it will be drafted by PPACG within 30 days.
- iii. During the next 30 days, the draft amendment is circulated by PPACG to the project sponsor, applicant Management Agency, local jurisdiction planning and health departments, other potentially affected management and operations agencies; and comments are requested.
- iv. For a minor amendment the PPACG decides whether to approve it within 30 days of submittal.
- v. For a major amendment, the PPACG schedules a public hearing at its next meeting and decides whether to approve the proposal.
- vi. Approved plan amendments will be submitted to the Water Quality Control Division (WQCD) for their concurrence.

10. Project Information Necessary for Amendment

The following list of information must be submitted for a project (where applicable) to allow determination of whether a plan amendment is necessary and to permit preparation and processing of the amendment. Most of this required information is also necessary to process a site approval application. (See list included in Site Approval Process.)

- i. Location of the proposed facility, geographical area it is intended to serve by specific delineation of projected service area boundaries on a

map, and the existing population of the proposed service area and the 10 and 20-year population projections.

- ii. Design hydraulic and organic loading capacity of the proposed facility and the expected initial flows and loadings and the projected flows and loading in 10 and 20 years.
- iii. The names of existing sewer service entities within 5 miles of the proposed service area and facility, a map indicating their boundaries, and direction of gravity flow from the proposed area.
- iv. Estimated construction costs for the proposed facility, and an estimate of the cost differential between building the proposed facility and the least costly alternative for connecting to an existing facility including a map indicating construction required to accomplish any such connection.
- v. A letter from all existing sanitation districts or other sewer service entities within 5 miles stating the feasibility of providing service to the service area and the justification for not connecting to an existing facility where feasible.
- vi. Identification of other permittees discharging to the same receiving waterbody and downstream discharges on main streams and any effect the proposed discharge would have on any of them.
- vii. Proximity to the nearest domestic drinking water source or diversion down gradient from the discharge.
- viii. Proposed permit effluent limits as developed by the Water Quality Control Division of the State Department of Health for any discharge.
- ix. Analysis of treatment alternatives considered and a detailed justification for choosing the proposed alternative in terms of surface and/or groundwater quality and other environmental impacts and economic and institutional considerations.
- x. Institutional arrangements such as contract and/or covenant terms for

all users. This must include Articles of Incorporation and By-laws for homeowner’s groups to include powers and authority to ensure proper operation and maintenance of the facility for its projected life.

- xi. Management capabilities for controlling the wastewater throughout and maintaining treatment within the capacity limitations of the facility on a continuous long-term basis. This would include user contracts, operating agreements, pretreatment requirements, etc.
- xii. Potential for water reuse including water rights limitation and any water augmentation plan.
- xiii. Present population and flow commitments of existing facilities to which the development will connect.
- xiv. An indication as to how this project relates to existing and envisioned facilities and the needs of a regional service area for the entire drainage basin.
- xv. For service area additions, a map delineating the additional area requested and a report explaining the reasons this area would be best served by the entity requesting the expansion of their service area.

28.2. Table: PPACG Approve Site Applications 2010 – August 2019

Project Name	Approved Date	Type	County
Wakonda Hills Sewage Lift Stations	2/23/10	Lift Station	El Paso
Fort Carson Wastewater Treatment Plant Lift Station	4/26/11	Lift Station	El Paso
Florissant Fossil Beds National Monument Septic System	5/24/2011	Septic System	Teller
Security Sanitation District Waterview Lift Station	4/30/2013	Lift Station	El Paso
Waterview Lift Station Site Application	10/29/2013	Lift Station	El Paso

64-Way Ranch Lift Station Site Application	10/29/2013	Lift Station	El Paso
YMCA Camp Santa Maria WWTF Improvement	9/26/2016	WWTF Improvement	Park
Academy Water & Sanitation District proposed lift station	10/26/2016	Lift Station	El Paso
Fort Carson SOF Lift Station	2/28/2017	Lift Station	El Paso
Eleven Mile State Park Water Treatment Facility - Relocation of System Absorption Fields	05/29/2018	Amendment to existing site application	Park
Upper Monument Water Quality Management Association - Wagons West Lift station/Force Main	05/29/2018	Lift Station	El Paso
Security Sanitation District Wastewater Treatment Facility Improvements	5/29/2018	Security Sanitation Waste Water Treatment Facility update	El Paso
Benet Hill Onsite Waste Treatment System	10/15/2018	WWTF	El Paso
River Bend Creek Lift Station	2/5/19	Lift Station	El Paso
Fountain South WWTF	05/7/2019	WWTF	El Paso
Falcon Meadow RV Campground	06/04/2019	Lift Station	El Paso
Black Squirrel Creek Lift Station No. 2 Design Update	06/04/2019	Lift Station	El Paso
Lone Rock Conference and Retreat Facility Lift Station	8/6/19	Lift Station	Park
Rock Creek Metro District Lift Station	8/6/19	Lift Station	El Paso

28.3. Public Comment Period

Pikes Peak Area Council of Governments posted the 2019 208 Plan for public comment on CDPHE's website beginning June 27, 2020 to July 27, 2020. To encourage comments, PPACG posted the link to CDPHE's webpage on social media, as well as sharing it with community members and interest groups. Because of the 2020 pandemic, PPACG was unable to host public meetings.

No comments were received during this time. No changes were made to the 208 Plan after the public comment period was over.