

**DOCKET**

**09-AFC-1**

DATE APR 19 2010

RECD. APR 21 2010



**Siting, Transmission and Environmental Protection Division**

**FILE: 09-AFC-1**

**PROJECT TITLE: Watson Cogeneration Steam and Electric Reliability Project**

<input checked="" type="checkbox"/> Telephone				<input type="checkbox"/> Meeting Location:	
<b>NAME:</b>	Mark Lindley (PWA)	<b>DATE:</b>	4/19/10	<b>TIME:</b>	1:45 PM
<b>WITH:</b>	Patricia Elkins – City of Carson – Stormwater Requirements				
<b>SUBJECT:</b>	Water Quality Treatment for BP Watson				

Mark Lindley contacted Patricia Elkins of the City of Carson regarding stormwater treatment requirements for the Watson Cogeneration Steam and Electric Reliability Project (BP Watson).

Mr. Lindley provided a brief review of proposed stormwater management plans for BP Watson. The existing four train Cogeneration Facility is proposing to add a fifth power generation train. The existing Facility encompasses approximately 22 acres within the larger 428 acre BP Carson Refinery complex. Stormwater runoff from the existing Cogeneration Facility is routed to the Dominguez Channel following visual inspection. If no evidence of contamination is noted, stormwater is currently discharged to Dominguez Channel without treatment. As part of the proposed project, stormwater runoff from the fifth train power block area (about 1.8 acres) would be routed to BP Carson Refinery's oily-water treatment system. Stormwater runoff from the remaining areas redeveloped as part of BP Watson (about 0.7 acres) would continue to be routed to the Dominguez Channel.

Mr. Lindley requested input from the City of Carson regarding application of the numerical design standard for stormwater quality treatment requiring treatment of the first 3/4 inch of rainfall prior to discharge under the Los Angeles County Municipal Stormwater NPDES Permit. Specifically, would the City of Carson require treatment of runoff generated: only from the 0.7 acres of the existing Cogeneration Facility redeveloped as part of the BP Watson Project or from the entire 22 acre existing Cogeneration Facility site?

Ms. Elkins indicated that since the area of redevelopment is less than 50%, the current NPDES permit requires the City to request a Standard Urban Stormwater Plan (SUSMP) for the 0.7 acres only; however, it should be noted that the City encourages voluntary participation of all developers regardless of the NPDES permit requirements. Therefore, the City will strongly encourage BP Watson to be proactive and provide a SUSMP for the entire site (22 acres) on a voluntary basis especially given the numerous Total Maximum Daily Loads for Dominguez Channel and the General Industrial Permit that will be adopted by the State Board in the immediate future.

Although the City prefers infiltration based water quality treatment BMPs, other treatment means may be necessary if there is existing soil and/or groundwater contamination at the BP Carson Refinery site. Ms. Elkins suggested several options and noted that the City offers assistance at no cost to developers in determining the best BMPs.

Ms. Elkins indicated that the City typically requires project proponents to prepare a preliminary SUSMP early in the project planning stages for City review and comment. A final SUSMP is due with the grading plans for the proposed project.

<b>CC:</b>	<b>Signed:</b>
	<b>Name:</b> Mark Lindley – Soil & Water Resources