Table 3.4-18 Transport of Anticipated Waste Streams and Materials

Waste Stream	Waste Stream Classification	Estimated Amount	Estimated Frequency of Generation	No. Truck Trips and Frequency	Quantity Shipped	Anticipated Route
CONSTRUCTION WASTE STREAMS AND MATERIALS						
Scrap wood, steel, glass, plastic, paper, calcium silicate insulation, mineral wool insulation	Non-hazardous solids	40 cubic yards	Weekly	1 per week	40 cubic yards	Midway Rd to I-580 to Class III or II landfill
Empty hazardous material containers	Hazardous solids	1 cubic yard	Weekly	1 per week	1 cubic yard	Midway Rd to I-580 to Class I landfill
Used and waste lube oil during CT and ST lube oil flushes	Hazardous or non-hazardous liquids	55 gallon drums	200 drums over life of construction	1 per 90 days	25 - 55 gallon drums	Midway Rd to I-580 to Oil Recycler or Class I landfill
Oil rags, oil absorbent generated during normal construction activities excluding lube oil flushes	Hazardous liquids	55 US gallons	Monthly	1 per month	55 US gallons	Midway Rd to I-580 to Class I landfill
Solvents, used construction equipment lube oils, paint, adhesives	Hazardous liquids	200 US gallons	Monthly	1 per month	200 US gallons	Midway Rd to I-580 to Recycler or Class I landfill
Spent lead acid batteries	Hazardous solids	2 batteries	Yearly	1 per year	2 batteries	Midway Rd to I-580 to Battery Recycler
Spent alkaline batteries	Hazardous solids	60 batteries	Monthly	1 per month	60 batteries	Midway Rd to I-580 to Battery Recycler
ST and pre-boiler piping cleaning waste, chelant	Hazardous or non-hazardous liquids	600,000 US gallons	Once before initial startup	68	600,000 US gallons	Midway Rd to I-580 to Approved Off-Site Location or Class I landfill
Waste oil from oily waste holding tank	Hazardous or non-hazardous liquids	20 US gallons	Monthly	1 per month	20 US gallons	Midway Rd to I-580 to Oil Recycler or Class I landfill
Sanitary waste from potable chemical toilets and construction office holding tanks	Non-hazardous liquids	400 US gallons	Daily	1 per week	400 US gallons	Midway Rd to I-580 to Municipal Sewage Treatment Plant
Storm water from construction area	Non-hazardous liquids	7 acre-feet	For a once in 2 year, 24 hour storm event	n/a	n/a	n/a
Fluorescent, mercury vapor lamps	Hazardous solids	60	Yearly	1 per year	60	Midway Rd to I-580 to Recycler
Hydrotest water	Hazardous or non-hazardous liquids	600,000 US gallons	Once before initial startup	68	600,000 US gallons	Midway Rd to I-580 to Approved Off-Site Location or Class I landfill

Table 3.4-18 Transport of Anticipated Waste Streams and Materials (Continued)

Waste Stream	Waste Stream Classification	Estimated Amount	Estimated Frequency of Generation	No. Truck Trips and Frequency	Quantity Shipped	Anticipated Route
OPERATION WASTE STREAMS AND MATERIALS						
Used hydraulic fluid, oils, grease, oily filters	Hazardous or non-hazardous liquids	Less than 10 US gallons	Daily	1 per month	Less than 300 US gallons	Midway Rd to I-580 to Oil Recycler or Class I landfill
Spent lead acid batteries	Hazardous solids	4 batteries	Yearly	1 per year	4 batteries	Midway Rd to I-580 to Battery Recycler
Spent alkaline batteries	Hazardous solids	60 batteries	Monthly	1 per month	60 batteries	Midway Rd to I-580 to Battery Recycler
Spent catalyst (heavy metals)	Hazardous solids	240,000 lbs	Every 7 years	8 per 7 years	240,000 lbs	Midway Rd to I-580 to Spent Catalyst Recycler
Waste oil from oily water separator	Hazardous or non-hazardous liquids	200 US gallons	Yearly	1 per year	200 US gallons	Midway Rd to I-580 to Oil Recycler or Class I landfill
Oil rags, oil absorbent generated during normal operating and maintenance activities excluding lube oil flushes	Hazardous liquids	110 US gallons	Monthly	1 per month	110 US gallons	Midway Rd to I-580 to Class I landfill
CTG used air filters	Non-hazardous	4,200 filters	Every 3 years	1 per 3 years	4,200 filters	Midway Rd to I-580 to Class III or II landfill
CTG water wash	Hazardous or non-hazardous liquids	20,000 US gallons	Yearly	2 per year	20,000 US gallons	Midway Rd to I-580 to Approved Off-Site Location or Class I landfill
HRSG Chemical Cleaning	Hazardous or non-hazardous liquids	840,000 US gallons	Every 10 Years	93 every 10 years	840,000 US gallons	Midway Rd to I-580 to Approved Off-Site Location or Class I landfill
Hydrotest water	Hazardous or non-hazardous liquids	340,000 US gallons	Yearly	38 per year	340,000 US gallons	Midway Rd to I-580 to Approved Off-Site Location or Class I landfill
Fluorescent, mercury vapor lamps	Hazardous solids	60	Yearly	1 per year	60	Midway Rd to I-580 to Recycler
Sanitary waste water	Non-hazardous liquids	3,000 US gallons	Daily	1 every 3 years	3,000 US gallons	Midway Rd to I-580 to Class III or II landfill
Storm water	Non-hazardous liquids	7 acre-feet	For a once in 2 year, 24 hour storm event	n/a	n/a	n/a

Table 3.4-18 Transport of Anticipated Waste Streams and Materials (Continued)

Waste Stream	Waste Stream Classification	Estimated Amount	Estimated Frequency of Generation	No. Truck Trips and Frequency	Quantity Shipped	Anticipated Route
Spent Ion Exchange Resin	Non-hazardous solid	100 cubic feet per bottle	4 bottles once every 3 years	1 per 3 years	400 cubic feet	Midway Rd to I-580 to Class III or II landfill
Salts from ZLD rotary drum	Non hazardous solids	18,000 lbs	Daily	4 per week	40,000 lbs	Midway Rd to I-580 to Class III or II landfill
Chemical and transformer water collection	Non-hazardous liquids	20,000 US gallons	For a once in 2 year, 24 hour storm event	n/a	n/a	n/a