

TABLE 4.4.2 EDISON COASTAL POWER PLANT NPDES PERMITS SUMMARY

Power Plant	Permit Number	Order Number	Expiration Date	Outfall Number	Receiving Water	Allowable Maximum Flow (mgd)	Allowable Maximum Temperatures (°F)	pH Maximum	Maximum Chlorine Levels (mg/L)	
									Total Residual	Free
Alamitos	CA0001139	94-128	11/10/99	001	San Gabriel River	210.5	105	All outfalls have a maximum pH range of 6-9, and cannot change natural pH levels > 0.2 units.	0.2/0.45*	0.5
				002	San Gabriel River	389	105		0.2/0.45*	0.5
				003	San Gabriel River	683.1	105		0.2/0.45*	0.5

Discharge route: low-volume waste flow into retention basins that discharge to the outfalls with the cooling water. In-plant drains must pass through oil water separators prior to entering the retention basins.

El Segundo	CA0001147	94-129	11/10/99	001	Santa Monica Bay	605.6	105	All outfalls have a maximum pH range of 6-9, and cannot change natural pH levels > 0.2 units.	0.2/0.4	0.5
				002	Santa Monica Bay	207	105			

Discharge route: low-volume waste flow into retention basins that discharge to the outfalls with the cooling water. In-plant drains must pass through oil water separators prior to entering the retention basins.

(Continued)

TABLE 4.4.2 EDISON COASTAL POWER PLANT NPDES PERMITS SUMMARY (Continued)

Power Plant	Permit Number	Order Number	Expiration Date	Outfall Number	Receiving Water	Allowable Maximum Flow (mgd)	Allowable Maximum Temperatures (°F)	pH Maximum	Maximum Chlorine Levels (mg/L)	
									Total Residual	Free
Huntington Beach	CA0001163	93-58	10/1/98	001	Pacific Ocean, offshore	516	<30 °F above natural ocean temperatures	6-9, and discharge cannot change natural pH levels >0.2 units.	0.2	0.5
<p>Discharge route: low-volume waste flow into retention basins that discharge to the outfalls with the cooling water. In-plant drains must pass through oil water separators prior to entering the retention basins.</p>										
Long Beach	CA0001171	94-130	11/10/99	001	Back channel, Long Beach Harbor	265	105	6-9, and discharge cannot change natural pH levels >0.2 units.	0.2	0.5
<p>Discharge route: all low-level wastes are routed to the retention basin prior to entering the outfall. Low-level wastes from groundwater dewatering, the oil recovery system, and the tank farm drains must pass through an oil water separator before entering the retention basin. The retention basin is discharged with cooling water through Outfall 00.1. Low-volume waste comprise approximately 4 mgd.</p>										
Mandalay	CO0001180	94-131	11/10/99	001	Pacific Ocean	255.3	106	6-9, and discharge cannot change natural pH levels >0.2 units.	0.2/0.365*	0.5
<p>Discharge route: low-volume waste flow into retention basins that discharge to the outfalls with the cooling water. In-plant drains must pass through oil water separators prior to entering the retention basins.</p>										

(Continued)

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Power Plant	Permit Number	Order Number	Expiration Date	Outfall Number	Receiving Water	Allowable Maximum Flow (mgd)	Allowable Maximum Temperatures (°F)	pH Maximum	Maximum Chlorine Levels (mg/L)	
									Total Residual	Free
Ormond Beach	CA0001198	94-132	11/10/99	001	Pacific Ocean	688.2	105	6-9, and discharge cannot change natural pH levels >0.2 units.	0.2/0.399*	0.5
Discharge route: low-volume waste flow into retention basins that discharge to the outfalls with the cooling water. In-plant drains must pass through oil water separators prior to entering the retention basins.										
Redondo	CA0001201	94-133	11/10/99	001	Pacific Ocean, offshore	463	106	All outfalls have a maximum pH range of 6-9, and cannot change natural pH levels more than 0.2 units.	0.2/0.633	0.5
				002	King Harbor	674	106		0.2/0.422	0.2
Discharge route: low-volume waste flow into retention basins that discharge to the outfalls with the cooling water. In-plant drains must pass through oil water separators prior to entering the retention basins.										

NOTES: mgd = million gallons per day.
 N/A = not applicable/available.
 s = summer temperatures.
 m = winter temperatures.
 mg/L = milligrams per liter.
 °F = degrees Fahrenheit.
 *requirements if Section 301g variance