

STIA CONSTRUCTION SITE STORMWATER MONITORING

Date: 10/16/00

Rainfall (depth@date@time): 0.51" @10/16/00 - 1800

Samplers: JL, RS

SITE	Time	Turb	pH	Comments
Logistics Site Development				
site discharge: unnamed catch basin d/s of treatment facility	2026	182.7	9.57	
u/s: Tyee pond (south end)		13.2	7.24	
d/s: Tyee Pond outfall to Des Moines Ck		18.4	7.22	
IWS Lagoon 3 Construction				
site discharge: treatment facility** (see notes end of last page)	2045	--	--	not pumping. 5+ ft of freeboard on holding pond
u/s: SDS3-594		--	--	
d/s: SDS-3 outfall weir		--	--	
Airfield Improvement				
site discharge: ditch west of construction staging area	2100	174.8	7.43	flow est. @ < or = 1 gps
u/s: ditch parallel to SR 509 onramp		--	--	ditch parallel to SR 509 onramp is dry
d/s: ditch parallel to SR 509 onramp		--	--	ditch parallel to SR 509 onramp is dry
site discharge: SDS-7 outfall	2115	3.2	7.72	
site discharge: SDS-6 outfall	2121	15.8	7.62	
site discharge: SDS3-594	2200	62.1	8.56	difficult to hold sampler in correct outfall
u/s: none		--	--	
d/s: Northwest Ponds outlet		--	--	failed to collect sample here.

AR 017259

Dep Ex 7

STIA CONSTRUCTION SITE STORMWATER MONITORING

Date: 10/20/00 Rainfall (depth@date/time): 0.72"@10/20/00 - 0550

Samplers: JB, RS

SITE	Time	Turb	pH	Comments
Dobbs Flight Kitchen Remodel				
site discharge: manhole SDE4-611	0810	--	--	no active construction
for west side construction:				no disturbed soil
u/s: SDE4-607		--	--	
d/s: SDE4-615		--	--	
for east side construction:				
u/s: SDE4-601 or SDE4-602		--	--	
d/s: SDE4-615		--	--	
Booster Pump Station				
site discharge: SDE4-911	0843	11.6	6.71	
u/s: SDE4-911		--	--	
d/s: SDE4-918		--	--	
Air Traffic Control Tower				
site discharge: SDE4-948 *(if no access, see notes end of last page)	0903	578*	10.83	*cut sample 50% w/ DI water twice.
u/s: SDE4-948 from N. outfall in vault	0913	50.6	8.40	multipled value by 4 to get this result.
d/s: SDE4-958	0915	176.2	10.31	notified KL and DJ

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STIA CONSTRUCTION SITE STORMWATER MONITORING

Date: 10/20/00 Rainfall (depth@date/time): 0.72" @10/20/00 - 0550

Samplers: JB, RS

SITE	Time	Turb	pH	Comments
Feeder 104/204 Replacement				
site discharge: catchbasin in grass ~10' fm International Blvd curb	0930	--	--	no construction activity
u/s: catchbasin at International Blvd curb due east of site discharge				
d/s: catchbasin at International Blvd curb due south of u/s location				
South Terminal Expansion Project, North Ductbank				
site discharge: (A), SDE4-118		--	--	covered by heavy steel plates
site discharge: (B), outfall of culvert under sidewalk, west of Entry Drive near flag pavilion		--	--	no flow
site discharge: (C), SDE4-121		--	--	no flow
site discharge: SDE4-111	1000	49.3	7.99	
u/s: SDE4-059	1003	31.5	8.02	d/s - u/s > 5 NTU. Notified KL
d/s: SDE4-064	1017	61.6	7.58	
South Terminal Expansion Project				
site discharge: SDE4-065B	1030	--	--	no discharge
site discharge: unnamed manhole on 24th Ave north of S. 188 St.	1045	104.6	11.09	
u/s: SDE4-059	1003	31.5	8.02	u/s - d/s > 5 NTU. Notified KL
d/s: SDE4-074	1054	16.3	8.31	

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STIA CONSTRUCTION SITE STORMWATER MONITORING

Date: 11/8/00

Samplers: R. Simmons, S. Currie

Rainfall (depth@date - time): 0.61" @ 11/8/00, 0600

Feeder 104/204 Replacement		Time	Turb	pH	Comments
site discharge: catchbasin in grass ~10' fm International Blvd curb		0945	-	-	No construction
u/s: catchbasin at International Blvd curb due east of site discharge					
d/s: catchbasin at International Blvd curb due south of u/s location					
South Terminal Expansion Project, North Ductbank		Time	Turb	pH	Comments
site discharge: (A), SDE4-118		1010	1040.0	8.80	3 dilutions (8x130 NTU). Low flow, <1 gps.
site discharge: (B), outfall of culvert under sidewalk, west of Entry Drive near flag pavilion		1015	-	-	No flow. Hillside stabilized with hydro seeded grass
site discharge: (C), SDE4-121		1020	-	-	No flow into vault here
site discharge: SDE4-111		1030	44.4	6.69	
u/s: SDE4-059		1050	62.0	8.20	
d/s: SDE4-064		1040	74.0	6.80	lots of flow.
South Terminal Expansion Project		Time	Turb	pH	Comments
site discharge: SDE4-065B		1103	62.1	7.21	flow surges small dollop of water every 20 sec.
site discharge: unnamed manhole on 24th Ave north of S. 188 St.		1110	-	-	low flow, <0.1 gps
u/s: SDE4-059		1050	62.0	8.20	
d/s: SDE4-074		1120	10.8	6.29	

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STIA CONSTRUCTION SITE STORMWATER MONITORING

Date: 11/26/00
 Samplers: R. Simmons, S. Currie
 Rainfall (depth@date - time): 0.52" @ 11/26/00, 1145
 Rainfall (depth@date - time): 0.72" @ 11/26/00, 1345
 Rainfall (depth@date - time): 0.84" @ 11/26/00, 1730

Dobbs Flight Kitchen Remodel		Time	Turb	pH	Comments
site discharge: manhole SDE4-611		1320	-	-	No construction @ Dobbs. Construction on east side of the HMS - Host Distribution Center.
for west side construction:					
u/s: SDE4-607			-	-	
d/s: SDE4-615			-	-	
for east side construction:					
u/s: SDE4-601 or SDE4-602			-	-	
d/s: SDE4-615			-	-	
Booster Pump Station		Time	Turb	pH	Comments
site discharge: SDE4-911		1345	22.2	5.71	
u/s: SDE4-911					
d/s: SDE4-918					
Air Traffic Control Tower		Time	Turb	pH	Comments
site discharge: SDE4-948 * (if no access, see notes end of last page)		1400	-	-	No access to site so -
u/s: SDE4-948 from N. outfall in vault					
d/s: SDE4-958		1410	36.0	6.06	sample taken at SDE4-930, (Manhole lid marked w/ "SEWER")
		1425	45.0	6.28	flow about 3-5 gps

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