

Spring Creek

Segment: 1008 San Jacinto River Basin

Basin number: 10
Basin group: C
Water body description: From the confluence with the West Fork San Jacinto River in Harris/Montgomery County to the most upstream crossing of FM 1736 in Waller County
Water body classification: Classified
Water body type: Freshwater Stream
Water body length / area: 69 Miles
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

Standards Not Met in 2002				
Assessment Area	Use	Support Status	Parameter	Category
IH 45 to confluence with Lake Houston	Contact Recreation Use	Not Supporting	bacteria	5c

Standards Not Met and Concerns in Previous Years				
Assessment Area	Use	Support Status or Concern	Parameter	Category
Field Store Road to SH 249	Aquatic Life Use	Not Supporting	depressed dissolved oxygen	5b

Additional Information: The public water supply and general uses are fully supported. The fish consumption use was not assessed.

This segment was identified on the 2000 303(d) List as not supporting the aquatic life use due to depressed dissolved oxygen. Because an insufficient number of 24-hour dissolved oxygen values were available in 2002 to determine if the criterion is supported, this segment will be identified as not meeting the standard for dissolved oxygen until sufficient 24-hour measurements are available to determine support of the criterion.

2002 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Field Store Road to SH 249	Aquatic Life Use	Use Concern	depressed dissolved oxygen
IH 45 to confluence with Lake Houston	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
IH 45 to confluence with Lake Houston	Nutrient Enrichment Concern	Concern	orthophosphorus

(based on data from 03/01/1996 to 02/28/2001)

2002 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
IH 45 to confluence with Lake Houston	Nutrient Enrichment Concern	Concern	total phosphorus
SH 249 to IH 45	Aquatic Life Use	Use Concern	depressed dissolved oxygen
SH 249 to IH 45	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
SH 249 to IH 45	Nutrient Enrichment Concern	Concern	orthophosphorus
SH 249 to IH 45	Nutrient Enrichment Concern	Concern	total phosphorus

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Field Store Road to SH 249	11314	SPRING CREEK AT SH249
IH 45 to confluence with Lake Houston	11311	SPRING CREEK 600 FT. UPSTREAM FROM CONFLUENCE WITH CYPRESS CREEK ABOUT 4 MI. NW OF HUMBLE
IH 45 to confluence with Lake Houston	11312	SPRING CREEK AT RILEY FUSSEL RD.
SH 249 to IH 45	11313	SPRING CREEK BRIDGE AT IH 45, 20 MILES NORTH OF HOUSTON

Published studies:		
Publication	Date	Author
IS 15 Spring Creek	Nov. 1978	Petrick, D.