



DANIEL & BROWN INC.
ENGINEERS/CONSULTANTS/PLANNERS

October 14, 2003

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Ms. Sonia F. Crawford
Water Quality Applications Team (MC161)
Permits Administrative Review Section
Texas Commission On Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

RE: Discharge Permit Application for the City of Hawk Cove
Proposed Permit No. 14483-001 (EPA I.D. #TX0126217)

Dear Ms. Crawford:

This mailing is in response to your letter dated September 18, 2003 regarding the above referenced discharge permit application. Each item is addressed below in the order given in your letter.

- 1) Application Fee: A check for \$850.00 was enclosed with the original application mailed on August 28, 2003 to the attention of Mr. Faruj Vahora. The second mailing containing four additional copies of the application did not include a check. The second mailing was sent on September 5, 2003 to the attention of Ms. Anne Marie St. Clair. I have enclosed a copy of the check.
- 2) Lease Agreement: The Sabine River Authority currently leases the land to the City of Hawk Cove as a city park. This area is currently being surveyed in order for the Sabine River Authority to revise their lease agreement with the City of Hawk Cove. The revised agreement will lease the southern half of the area to the City of Hawk Cove as grounds for a municipal sewage treatment plant. I will forward this agreement to your office upon completion.
- 3) Signature Page: The City of Hawk Cove has authorized Eddy Daniel to sign this permit as their technical representative(See attached letter). The original signature page is also attached.
- 4) Landowner's Map: A revised landowner's map is attached. Per your letter, the property adjacent to the highlighted area is also owned by the Sabine River Authority. There are no residences located in this "Lake Ring" area. The revised landowner's map locates each property adjacent to the treatment facility site and property along the shoreline 1/2 mile upstream and 1/2 mile

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downstream from the point of discharge. Each property has been assigned a property number which corresponds to the property number on the Landowner's Contact Information Sheet(See attached and enclosed Floppy Disk).

- 5) Landowner's Contact Information: A floppy disk is enclosed which contains each landowner's contact information in WordPerfect format with all letters capitalized and no punctuation as shown below:

NAME
ADDRESS
CITY ST ZIP

- 6) Source of Landowner's Information: Hunt County Tax Records and Hunt County Appraisal District Abstracts.
- 7) Technical Review: Your original letter dated September 18, 2003 contained the wrong technical review attachment. The following information is included per the request received by fax on September 22, 2003 from J.D. Centeno, Jr. This fax is also attached for reference purposes.
- 7.1) Buffer Zone Requirement: The property on which the treatment plant will be constructed is under a long term lease agreement from Sabine River Authority of Texas to the City of Hawk Cove. The current lease agreement is expressly for the purpose of operating a city park. A new lease agreement which allocates the southern half of this area as land for a municipal sewage treatment plant is being prepared. The new agreement will be forwarded to you upon completion. The site plan has been revised to include treatment unit designations(See attached Buffer Zone Map).
- 7.2) Sludge Disposal Method: The City of Hawk Cove has obtained a written statement from the City of Greenville Wastewater Reclamation Center to accept and dispose of the sludge from the City of Hawk Cove's treatment plant(See attached written statement).
- 7.3) Treatment Facilities Boundaries: The boundaries of the treatment plant have been identified(See attached Buffer Zone Map).
- 7.4) Proposed Flow: The City of Hawk Cove is currently experiencing tremendous growth. Records obtained from City Hall indicate the population increased from 457 in 2000 to 700 in 2002 producing an average annual growth rate of 26.5 percent. The high rate of growth can be attributed to the annexation of Whiskers Retreat No. 3 in September of 2001 which increased the population of Hawk Cove by approximately 200. A more stable growth rate can be obtained from

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* county census records and particularly the census records of the immediate area obtained from the Quinlan Census Division(see attachment). This information indicates that the immediate area surrounding the City of Hawk Cove has increased in population from 13,820 in 1990 to 18,865 in 2000 producing an average annual growth rate of 3.6 percent. Using a safety factor of 1.5 further specifies an average annual growth rate for design of 5.4 percent. The wastewater treatment plant for this project shall be sized for a 20 year service life. Using a growth rate of 5.4 percent the estimated population extrapolated over a 20 year period is 1,984 persons(see data below). The treatment plant shall further be designed to meet the minimum Texas Commission On Environmental Quality(TCEQ) requirement of collection and treatment of 100 gallons per day(GPD) per person per household which totals approximately 200,000 GPD.

Estimated Population Growth
for the
City of Hawk Cove

Year	Population	Year	Population
* 2002	700	2013	1,240
2003	737	2014	1,306
2004	776	2015	1,376
2005	817	2016	1,450
2006	861	2017	1,528
2007	907	2018	1,610
2008	955	2019	1,696
2009	1,006	2020	1,787
2010	1,060	2021	1,883
2011	1,117	2022	1,984
2012	1,177		

If you should have any questions, please feel free to contact me at 972-784-7777.

Sincerely,

David Scott, P.E.
Daniel & Brown, Inc.

cc: Mayor Ava Havens
City of Hawk Cove

SIGNATURE PAGE

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Eddy W. Daniel, P.E.

Typed or printed name

Engineer

Title

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations.

Signature:

Eddy W. Daniel, P.E.

Date:

8/18/2003Subscribed and Sworn to before me by the said Eddy W. Daniel, P.E. on this18th

day of

August2004

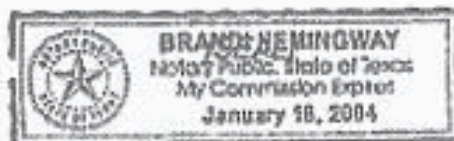
My commission expires on the

18th

day of

January2004

Notary Public

Brandi HemingwayCollin

County, Texas

NOTE: If co-permittees are necessary, both entities must submit separate Signature Pages.