



transmitted via e-mail

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Denver Zoo Baseline Odor Survey by DEH

Background: Following a discussion with Jennifer Hale of the Denver Zoo, investigators from the City and County of Denver Environmental Health Department (Justin Sterger and Ben Siller) conducted a baseline odor survey of the surrounding City Park neighborhood. The purpose of the study was to gather details on current odor conditions prior to the install of the Denver Zoo Waste to Energy system.

Summary: Baseline readings were taken on 8/20/2013 and again on 9/3/2013 in the morning beginning at 0900am both days. All readings taken throughout the surrounding neighborhood and several control readings on Denver Zoo boundary had no discernable odor when read. Use of the “Nasal Ranger” was not warranted since no discernable odor could be detected with the bare nose and attributed to the Zoo on the days of the readings. Details of readings are as follows:

8/20/2013: Wind S/SE 0-3MPH. Humidity 31% as reported by NOAA. No discernable odor detected. Slight odor of fresh cut grass from grounds keeping at City Park, cannot be attributed to the Denver Zoo grounds.

9/3/2013: Wind S/SE 0-1MPH. Humidity 28% as reported by NOAA. No discernable odor detected. Ground keeping performing some cutting of weeds so slight weed/grass odor detected but cannot be attributed to the Denver Zoo grounds.

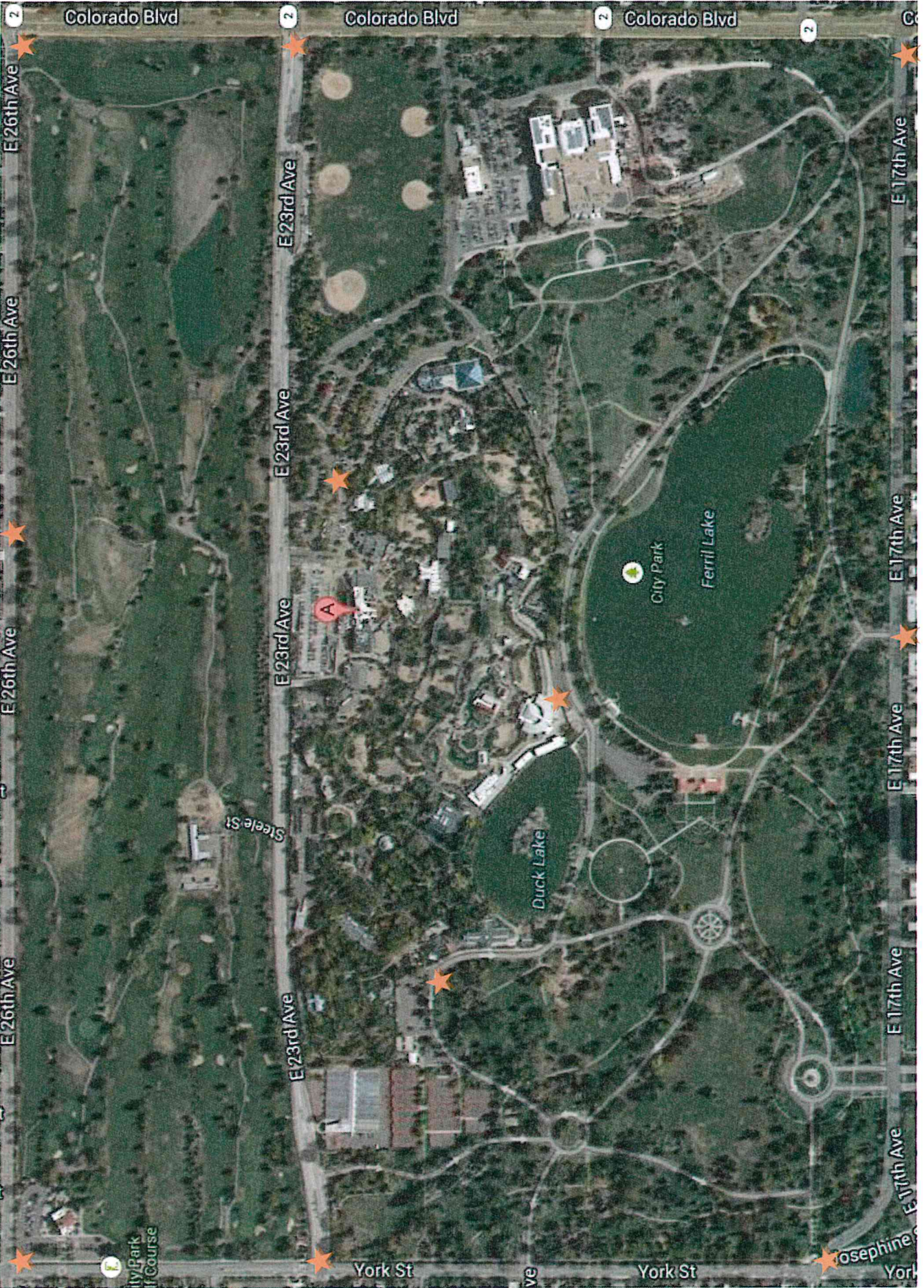
A map of locations sampled (same locations both days) is attached with locations marked with an orange star. As previously reported to Ms. Hale, since 1998 no odor complaints can be directly attributed to the Denver Zoo according to DEH records.

Thank you—if you have any further questions regarding this study, please contact me directly.

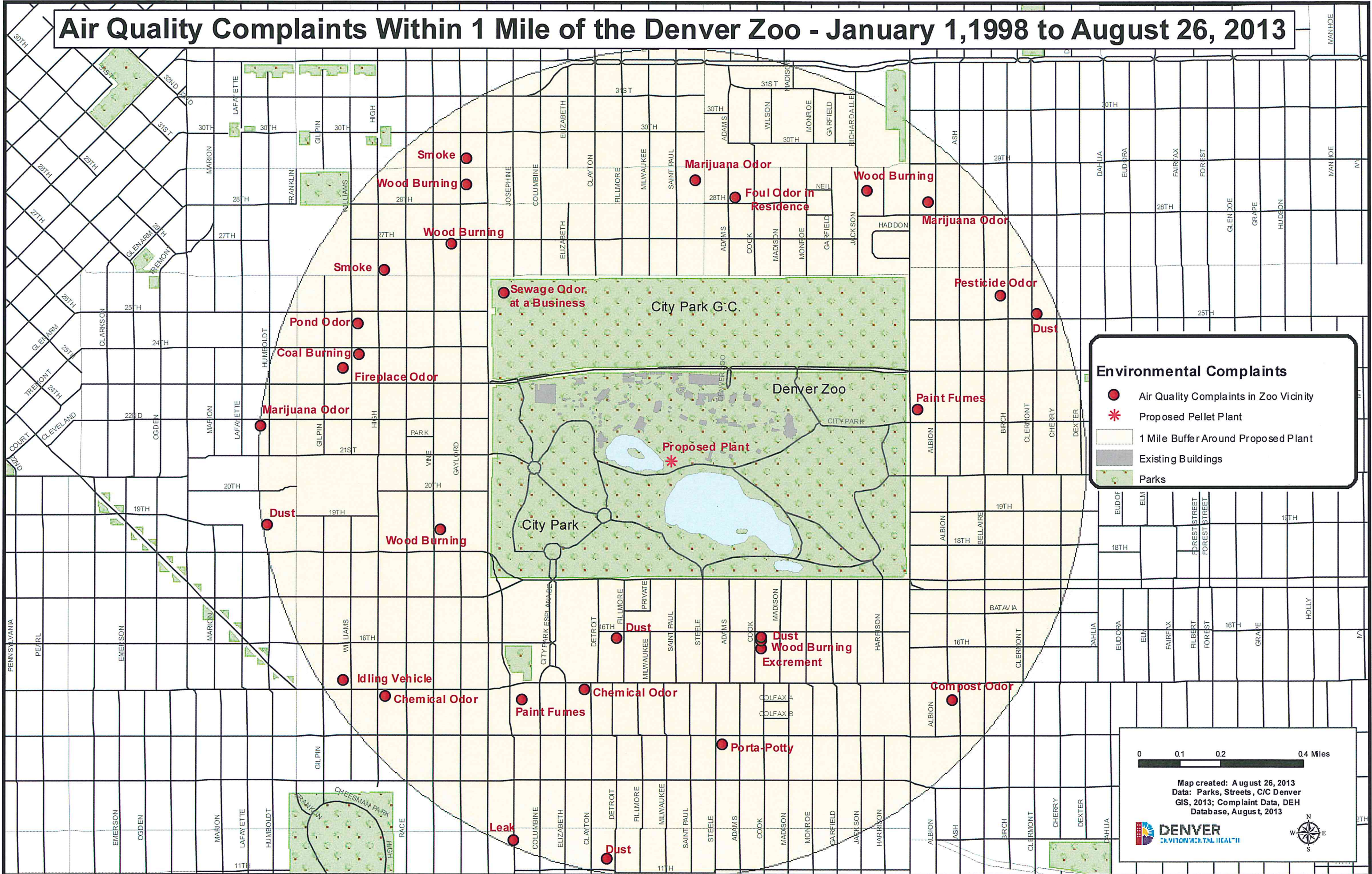
Sincerely,

Justin W. Sterger
Environmental Management & Operations Section

Attachments: Denver Zoo Baseline Survey Map



Air Quality Complaints Within 1 Mile of the Denver Zoo - January 1, 1998 to August 26, 2013



Environmental Complaints

- Air Quality Complaints in Zoo Vicinity
- * Proposed Pellet Plant
- 1 Mile Buffer Around Proposed Plant
- Existing Buildings
- Parks

0 0.1 0.2 0.4 Miles

Map created: August 26, 2013
 Data: Parks, Streets, C/C Denver
 GIS, 2013; Complaint Data, DEH
 Database, August, 2013