

**Dora Gomez - 05-AFC-2 Air Quality Modeling Readme Text File**

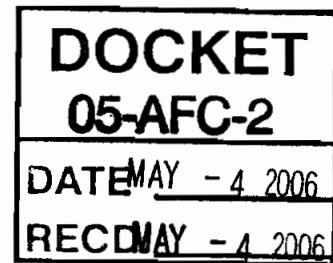
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**From:** Eric Knight  
**To:** Dora Gomez  
**Date:** 5/4/2006 10:32 AM  
**Subject:** 05-AFC-2 Air Quality Modeling Readme Text File

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Please docket the attached readme text file. This file describes the input / output air quality modeling files for the Walnut Creek Energy Park AFC. CEC air quality staff requested that the applicant provide this file in Data Request #28.

File attached: README\_1.TXT



README\_1.TXT

BPIP.INP BPIP.OUT BPIP DOWNWASH INPUT/OUTPUT FILES  
CO1HR.IN CO1HR.OUT CO 1-HOUR INPUT/OUTPUT MODEL RUNS  
CO1HRSTART.IN CO1HRSTART.OUT CO 1-HOUR TURBINE STARTUP RUNS INPUT/OUTPUT  
CO8HR.IN CO8HR.OUT CO 8-HOUR INPUT/OUTPUT MODEL RUNS  
COCOMIS.IN COCOMIS.OUT CO COMMISSIONING RUNS 1 AND 8-HOUR AVERAGING PERIODS  
CONAN.IN CONAN.OUT CONSTRUCTION EMISSIONS MODELING RUNS ANNUAL INPUT/OUTPUT  
CONST.IN CONST.OUT CONSTRUCTION EMISSIONS MODELING RUNS SHORT-TERM INPUT/OUTPUT  
CONSTMODWCEP.XLS CONSTRUCTION EMISSIONS/MODELING IMPACTS SPREADHSHEET SUMMARY  
NOX1HR.IN NOX1HR.OUT NOX 1-HOUR MODELING INPUT/OUTPUT RUNS  
NOXAN.IN NOXAN.OUT NOX ANNUAL MODELING INPUT/OUTPUT RUNS  
NOXCOMIS1.IN NOXCOMIS1.OUT NOX COMMISSIONING RUNS WITH 3 TURBINES AT 99 LB/HR AND  
TWO TURBINES AT BASE LOAD  
NOXCOMIS2.IN NOXCOMIS2.OUT NOX COMMISSIONING RUNS WITH ONE TURBINE AT 175 LB/HR AND  
FOUR TURBINES AT BASE LOAD  
NOXSTART.IN NOXSTART.OUT NOX 1-HOUR MODELING RUNS FOR 5 TURBINES STARTING IN  
ONE-HOUR  
PM10AN.IN PM10AN.OUT PM10 ANNUAL MODELING INPUT/OUTPUT FILES  
PM1024HR.IN PM1024HR.OUT PM10 24-HOUR MODELING INPUT/OUTPUT FILES  
SCRN ENG REV2 (VERSION1).XLS SCREENING SUMMARY FOR THE EMERGENCY EQUIPMENT TO  
DETERMINE WORST-CASE SOURCE  
SENS-RECP-XYZ.XLS SENSITIVE RECEPTOR LISTING  
SO2AN.IN SO2AN.OUT SO2 ANNUAL INPUT/OUTPUT MODELING RUNS  
SO21HR.IN SO21HR.OUT SO2 1-HOUR INPUT/OUTPUT MODELING RUNS  
SO23HR.IN SO23H R.OUT SO2 3-HOUR INPUT/OUTPUT MODELING RUNS  
SO224HR.IN SO224HR.OUT SO2 24-HOUR INPUT/OUTPUT MODELING RUNS  
WALMAX.XLS MAXIMUM IMPACT LOCATION RECEPTOR SUMMARY  
WALNUS RECEPTS.ZIP COARSE AND REFINED GRID RECEPTORS  
WALNUT.ASC 1981 ISCST3 METEOROLOGICAL FILE  
WCEP-CONSTEM 7ACRES.XLS CONSTRUCTION EMISSIONS SPREADSHEET  
HRA FILES HARP MODELING INPUT/OUTPUT FILES USED IN HARP EXPRESS FOR CONSTRUCTION  
AND OPERATION  
WALNUT FUMIGATION  
    FIREFUM.DAT FIREFUM.OUT SCREEN3 FIREPUMP FUMIGATION RUN  
    FIREFUM2.DAT FIREFUM2.OUT SCREEN 3 FIREPUMP FUMIGATION RUN AT MAXIMUM  
TURBINE LOCATION  
    TURBFUM.DAT TURBFUM.OUT TURBINE FUMIGATION RUN WITH SCREEN3  
    WALNUT-FUMIGATION.XLS EXCEL SUMMARY OF FUMIGATION RUNS  
WALNUTSCREEN RUNS (TURBINE SCREENING RUNS TO DETERMINE WORST-CASE EMISSIONS AND  
STACK CHARACTERISTICS  
    WS\_30F.INP WS\_30F.OUT 30 DEGREE SCREENING RUNS COARSE GRID  
    WS\_30FR.INP WS\_30FR.OUT 30 DEGREE SCREENING RUNS REFINED GRID  
    THE FILE NAMES ARE IDENTICAL AND WERE COMPLETED FOR 59, 84, AND 110 DEGREE  
CASES FOR BOTH COARSE AND REFINED GRIDS  
1664527.DEM.SDTS.TAR.GZ-1694901.DEM.SDTS.TAR.GZ GZIP FILES THAT CONTAIN THE DEM DATA  
USED TO PRODUCE RECEPTOR GRIDS