



SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

| SOURCE NAME | | | OBSERVATION DATE | | | | START TIME | | STOP TIME | |
|---|--|--|------------------|---|----|----|------------|-----|-----------|--|
| US Paverscape Inc. | | | 2/22/2012 | | | | 10:24 | | 10:36 | |
| ADDRESS | | | SEC | | | | SEC | | | |
| 1735 SE Federal Hwy | | | MIN | 0 | 15 | 30 | 45 | MIN | 0 | |
| | | | | | | | | | | |
| CITY | | | | | | | | | | |
| Stuart | | | | | | | | | | |
| STATE | | | | | | | | | | |
| FL | | | | | | | | | | |
| ZIP | | | | | | | | | | |
| 34994 | | | | | | | | | | |
| PHONE EU no. | | | | | | | | | | |
| 001 | | | | | | | | | | |
| SOURCE ID NUMBER | | | | | | | | | | |
| 0850138 | | | | | | | | | | |
| PROCESS EQUIPMENT | | | | | | | | | | |
| Cement Silo (Gray) | | | | | | | | | | |
| OPERATING MODE | | | | | | | | | | |
| normal | | | | | | | | | | |
| CONTROL EQUIPMENT | | | | | | | | | | |
| Pulse Cartridge Filter | | | | | | | | | | |
| OPERATING MODE | | | | | | | | | | |
| normal | | | | | | | | | | |
| DESCRIBE EMISSION POINT | | | | | | | | | | |
| START Vent | | | | | | | | | | |
| STOP Vent | | | | | | | | | | |
| HEIGHT ABOVE GROUND LEVEL | | | | | | | | | | |
| START 70 ft STOP 70 ft | | | | | | | | | | |
| HEIGHT RELATIVE TO OBSERVER | | | | | | | | | | |
| START 65 ft STOP 65 ft | | | | | | | | | | |
| DISTANCE FROM OBSERVER | | | | | | | | | | |
| START 55 ft STOP 11 | | | | | | | | | | |
| DIRECTION FROM OBSERVER | | | | | | | | | | |
| START — STOP — | | | | | | | | | | |
| DESCRIBE EMISSIONS | | | | | | | | | | |
| START n/a | | | | | | | | | | |
| STOP n/a | | | | | | | | | | |
| EMISSION COLOR | | | | | | | | | | |
| START n/a STOP n/a | | | | | | | | | | |
| PLUME TYPE: CONTINUOUS <input type="checkbox"/> | | | | | | | | | | |
| FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/> | | | | | | | | | | |
| WATER DROPLETS PRESENT | | | | | | | | | | |
| NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> | | | | | | | | | | |
| IF WATER DROPLET PLUME: | | | | | | | | | | |
| ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/> | | | | | | | | | | |
| POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED | | | | | | | | | | |
| START — STOP — | | | | | | | | | | |
| DESCRIBE BACKGROUND | | | | | | | | | | |
| START Sky | | | | | | | | | | |
| STOP Sky | | | | | | | | | | |
| BACKGROUND COLOR | | | | | | | | | | |
| START Blue STOP Blue | | | | | | | | | | |
| SKY CONDITIONS | | | | | | | | | | |
| START Partly Cloudy STOP " | | | | | | | | | | |
| WIND SPEED | | | | | | | | | | |
| START 3 mph STOP 4 | | | | | | | | | | |
| WIND DIRECTION | | | | | | | | | | |
| START — STOP — | | | | | | | | | | |
| AMBIENT TEMP. | | | | | | | | | | |
| START 73° STOP 73° | | | | | | | | | | |
| WET BULB TEMP. | | | | | | | | | | |
| RH, percent | | | | | | | | | | |
| Source Layout Sketch | | | | | | | | | | |
| Drew North Arrow | | | | | | | | | | |
| | | | | | | | | | | |
| AVERAGE OPACITY FOR HIGHEST PERIOD | | | | | | | | | | |
| NUMBER OF READINGS ABOVE % WERE | | | | | | | | | | |
| RANGE OF OPACITY READINGS | | | | | | | | | | |
| MINIMUM | | | | | | | | | | |
| MAXIMUM | | | | | | | | | | |
| OBSERVER'S NAME (PRINT) | | | | | | | | | | |
| Michelle Robinson | | | | | | | | | | |
| OBSERVER'S SIGNATURE | | | | | | | | | | |
| Michelle Robinson | | | | | | | | | | |
| DATE | | | | | | | | | | |
| 2/22/2012 | | | | | | | | | | |
| ORGANIZATION | | | | | | | | | | |
| FDEP | | | | | | | | | | |
| I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE | | | | | | | | | | |
| CERTIFIED BY | | | | | | | | | | |
| ETA | | | | | | | | | | |
| DATE | | | | | | | | | | |
| 1/2012 | | | | | | | | | | |
| TITLE | | | | | | | | | | |
| DATE | | | | | | | | | | |
| VERIFIED BY | | | | | | | | | | |
| DATE | | | | | | | | | | |

Adapted from EPA Quality Assurance Handbook for Air Pollution Measurement Systems: Volume III. Stationary Source Specific Methods (EPA-600/4-77-027b) February 1984



SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

| | | | | | | | | | | | | | | | | | |
|---|--|--|--|-----|--------------|--|---------------------|----|--------------------|-----|----|----|----|----|--|--|--|
| SOURCE NAME US Paverscape Inc. | | | OBSERVATION DATE 2/22/2012 | | | | START TIME 10:25 | | STOP TIME 10:37 | | | | | | | | |
| ADDRESS 1735 SE Federal Hwy. | | | MIN | SEC | 0 | 15 | 30 | 45 | MIN | SEC | 0 | 15 | 30 | 45 | | | |
| CITY Stuart | | | STATE FL | | ZIP 34994 | | 1 | 0 | 0 | 0 | 0 | 31 | | | | | |
| PHONE Eu no. 003 | | | SOURCE ID NUMBER 0850138 | | 2 | 0 | 0 | 0 | 0 | 0 | 32 | | | | | | |
| PROCESS EQUIPMENT Cement silo (Grey) (White) | | | OPERATING MODE normal | | 3 | 0 | 0 | 0 | 0 | 0 | 33 | | | | | | |
| CONTROL EQUIPMENT pulse Cartridge Filter | | | OPERATING MODE normal | | 4 | 0 | 0 | 0 | 0 | 0 | 34 | | | | | | |
| DESCRIBE EMISSION POINT START Vent STOP Vent | | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | | | | | | |
| HEIGHT ABOVE GROUND LEVEL START 70 ft STOP " | | | HEIGHT RELATIVE TO OBSERVER START 65 ft STOP 65 ft | | 6 | 0 | 0 | 0 | 0 | 0 | 36 | | | | | | |
| DISTANCE FROM OBSERVER START 55 ft STOP " | | | DIRECTION FROM OBSERVER START STOP | | 7 | 0 | 0 | 0 | 0 | 0 | 37 | | | | | | |
| DESCRIBE EMISSIONS START n/a STOP n/a | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | | | | | | |
| EMISSION COLOR START n/a STOP n/a | | | PLUME TYPE: CONTINUOUS <input type="checkbox"/> | | 9 | 0 | 0 | 0 | 0 | 0 | 39 | | | | | | |
| WATER DROPLETS PRESENT NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> | | | FUGITIVE <input checked="" type="checkbox"/> INTERMITTENT <input type="checkbox"/> | | 10 | 0 | 0 | 0 | 0 | 0 | 40 | | | | | | |
| POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START n/a STOP n/a | | | IF WATER DROPLET PLUME: ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/> | | 11 | 0 | 0 | 0 | 0 | 0 | 41 | | | | | | |
| DESCRIBE BACKGROUND START sky STOP sky | | | WIND DIRECTION START STOP | | 12 | 0 | 0 | 0 | 0 | 0 | 42 | | | | | | |
| BACKGROUND COLOR START Blue STOP " | | | WIND SPEED START 3 mph STOP " | | 13 | | | | | | 43 | | | | | | |
| WIND SPEED START 3 mph STOP " | | | WET BULB TEMP. — | | 14 | | | | | | 44 | | | | | | |
| AMBIENT TEMP. START 73° STOP 73° | | | RH, percent | | 15 | | | | | | 45 | | | | | | |
| <p>Source Layout Sketch</p> <p>Draw North Arrow</p> <p>Observer's Position</p> <p>140°</p> <p>Sun Location Line</p> | | | AVERAGE OPACITY FOR HIGHEST PERIOD | | 16 | | | | | | 46 | | | | | | |
| | | | NUMBER OF READINGS ABOVE % WERE | | 17 | | | | | | | | 47 | | | | |
| | | | RANGE OF OPACITY READINGS | | 18 | | | | | | | | | 48 | | | |
| | | | MINIMUM | | 19 | | | | | | | | | 49 | | | |
| | | | MAXIMUM | | 20 | | | | | | | | | 50 | | | |
| | | | OBSERVER'S NAME (PRINT) Michelle Robinson | | | OBSERVER'S SIGNATURE Michelle A. Robinson | | 21 | | | | | | 51 | | | |
| | | | COMMENTS | | | DATE 2/22/2012 | | 22 | | | | | | 52 | | | |
| | | | | | | ORGANIZATION FDEP | | 23 | | | | | | 53 | | | |
| | | | I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS | | | CERTIFIED BY ETA | | 24 | | | | | | 54 | | | |
| | | | SIGNATURE | | | DATE 1/2012 | | 25 | | | | | | 55 | | | |
| | | | TITLE | | | VERIFIED BY | | 26 | | | | | | 56 | | | |
| | | | DATE | | | DATE | | 27 | | | | | | 57 | | | |

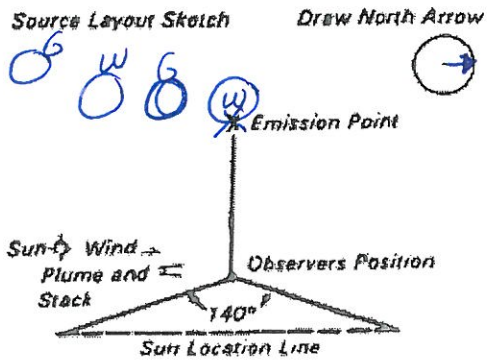
Adapted from EPA Quality Assurance Handbook for Air Pollution Measurement Systems: Volume III. Stationary Source Specific Methods (EPA-600/4-77-027b) February 1984



SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

| SOURCE NAME | | | OBSERVATION DATE | | | | START TIME | | STOP TIME | | | |
|---|--|--|--|---|----|----|------------|-----|-----------|----|----|----|
| US Paverscape Inc. | | | 2/22/2012 | | | | 11:40 | | 11:55 | | | |
| ADDRESS | | | SEC | | | | SEC | | | | | |
| 1735 SE Federal Hwy. | | | MIN | 0 | 15 | 30 | 45 | MIN | 0 | 15 | 30 | 45 |
| CITY | | | 1 | 0 | 0 | 0 | 0 | 31 | | | | |
| Stuart | | | 2 | 0 | 0 | 0 | 0 | 32 | | | | |
| STATE | | | 3 | 0 | 0 | 0 | 0 | 33 | | | | |
| FL | | | 4 | 0 | 0 | 0 | 0 | 34 | | | | |
| ZIP | | | 5 | 0 | 0 | 0 | 0 | 35 | | | | |
| 34994 | | | 6 | 0 | 0 | 0 | 0 | 36 | | | | |
| PHONE EU no | | | 7 | 0 | 0 | 0 | 0 | 37 | | | | |
| 004 | | | 8 | 0 | 0 | 0 | 0 | 38 | | | | |
| SOURCE ID NUMBER | | | 9 | 0 | 0 | 0 | 0 | 39 | | | | |
| 0850138 | | | 10 | 0 | 0 | 0 | 0 | 40 | | | | |
| PROCESS EQUIPMENT | | | 11 | 0 | 0 | 0 | 0 | 41 | | | | |
| Cement Silo (white) | | | 12 | 0 | 0 | 0 | 0 | 42 | | | | |
| OPERATING MODE | | | 13 | 0 | 0 | 0 | 0 | 43 | | | | |
| normal | | | 14 | 0 | 0 | 0 | 0 | 44 | | | | |
| CONTROL EQUIPMENT | | | 15 | 0 | 0 | 0 | 0 | 45 | | | | |
| Pulse Cartridge Filter | | | 16 | 0 | 0 | 0 | 0 | 46 | | | | |
| OPERATING MODE | | | 17 | 0 | 0 | 0 | 0 | 47 | | | | |
| normal | | | 18 | 0 | 0 | 0 | 0 | 48 | | | | |
| DESCRIBE EMISSION POINT | | | 19 | 0 | 0 | 0 | 0 | 49 | | | | |
| START vent STOP vent | | | 20 | 0 | 0 | 0 | 0 | 50 | | | | |
| HEIGHT ABOVE GROUND LEVEL | | | 21 | 0 | 0 | 0 | 0 | 51 | | | | |
| START 70 ft. STOP 70 ft. | | | 22 | 0 | 0 | 0 | 0 | 52 | | | | |
| HEIGHT RELATIVE TO OBSERVER | | | 23 | 0 | 0 | 0 | 0 | 53 | | | | |
| START 65 ft. STOP 65 ft. | | | 24 | 0 | 0 | 0 | 0 | 54 | | | | |
| DISTANCE FROM OBSERVER | | | 25 | 0 | 0 | 0 | 0 | 55 | | | | |
| START 50 ft. STOP 50 ft. | | | 26 | 0 | 0 | 0 | 0 | 56 | | | | |
| DIRECTION FROM OBSERVER | | | 27 | 0 | 0 | 0 | 0 | 57 | | | | |
| START STOP | | | 28 | 0 | 0 | 0 | 0 | 58 | | | | |
| DESCRIBE EMISSIONS | | | 29 | 0 | 0 | 0 | 0 | 59 | | | | |
| START STOP | | | 30 | 0 | 0 | 0 | 0 | 60 | | | | |
| EMISSION COLOR | | | AVERAGE OPACITY FOR HIGHEST PERIOD 0 | | | | | | | | | |
| START white STOP white | | | NUMBER OF READINGS ABOVE 0 % WERE | | | | | | | | | |
| PLUME TYPE: CONTINUOUS <input type="checkbox"/> | | | RANGE OF OPACITY READINGS | | | | | | | | | |
| FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/> | | | MINIMUM 0 MAXIMUM 0 | | | | | | | | | |
| WATER DROPLETS PRESENT | | | OBSERVER'S NAME (PRINT) | | | | | | | | | |
| NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> | | | Michelle Robinson | | | | | | | | | |
| IF WATER DROPLET PLUME: | | | OBSERVER'S SIGNATURE | | | | | | | | | |
| ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/> | | | Michelle Robinson | | | | | | | | | |
| POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED | | | DATE | | | | | | | | | |
| START STOP | | | 2/22/2012 | | | | | | | | | |
| DESCRIBE BACKGROUND | | | ORGANIZATION | | | | | | | | | |
| START Sky STOP Sky | | | FDEP | | | | | | | | | |
| BACKGROUND COLOR | | | I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS | | | | | | | | | |
| START Blue STOP Blue | | | SIGNATURE | | | | | | | | | |
| SKY CONDITIONS | | | CERTIFIED BY | | | | | | | | | |
| START Partly Cloudy STOP Cloudy | | | ETA | | | | | | | | | |
| WIND SPEED | | | DATE | | | | | | | | | |
| START 3 mph STOP 11 | | | 1/2012 | | | | | | | | | |
| WIND DIRECTION | | | VERIFIED BY | | | | | | | | | |
| START STOP | | | DATE | | | | | | | | | |
| AMBIENT TEMP. | | | TITLE | | | | | | | | | |
| START 74° STOP 74° | | | DATE | | | | | | | | | |
| WET BULB TEMP. | | | | | | | | | | | | |
| RH, percent | | | | | | | | | | | | |



Adapted from EPA Quality Assurance Handbook for Air Pollution Measurement Systems: Volume III. Stationary Source Specific Methods (EPA-600/4-77-027b) February 1984