CITY OF CHICAGO

DEPARTMENT OF PUBLIC HEALTH
PERMITTING AND ENFORCEMENT

NARRATIVE EVALUATION

INSPECTION DATE: 04/11/2020
SITE NAME: Crawford Smoke Stack Demo
SITE ADDRESS: 3501 S PULASKI RD, CHICAGO, IL 60623
SITE CODE: Crawford Smoke Stack Demo
PERMIT #: ENVGEN1234260

TIME: 9:45 am
EMPLOYEE:FRANCISCO FLORESSILVA

COUNTY:COOK / CHICAGO
INSPECTION #: 1530373

SUMMARY

On April 11, 2020, a scheduled implosion demolition of a structure (smokestack) was conducted at the address 3501 S. Pulaski Rd., the former Crawford Power Generating Station. Parties involved in the implosion were:

·Hilco Redevelopment Partners LLC (the developer)
·HRP Exchange 55 LLC, (the owner)
·MCM Industrial Services LLC/MCM Management Corp., (the demolition contractor)
·CDI/Controlled Demolition Incorporated, (the explosive demolition company)

Two water trucks and two dust suppression water cannons were supposed to be stationed along the north and south area of the planned drop zone based on the "Exclusion Zone" document provided by CDI. The reporting inspector could not see if the equipment was present due to vantage point. Standing along the northern perimeter of the site were two rented water trucks on standby along with CFD (Chicago Fire Department) for assistance. The reporting inspector Francisco Flores Silva was on site near the Morgan Harbor command site.

Weather conditions were slightly overcast at 7:38 A.M. The temperature was 45 degrees Fahrenheit. At approximately 7:58 a two-minute-long siren was sounded followed by the explosive detonation at approximately 8:00 A.M. The structure toppled east as planned and generated a plume of dust upon impact with the ground.

A wind current from the south to north carried the plume of dust through the site due north. The cloud of dust was thick as it traveled through the site. Visibility was limited due to the dust. Two rented water trucks stationed at the northern perimeter of the site were hosing the area to prevent the dust cloud from exiting the site.The reporting inspector's line of sight was positioned westward as the dust cloud traveled northbound. The reporting inspector did not observe what CFD was doing at the time due to the inspector's line of sight. The dust was not suppressed adequately and continued to travel off-site towards the residential area north of the site.

The cloud of dust slowly dispersed and became less thick as it continued to travel northbound. The reporting inspector then drove around the residential area directly north of the site to view if any residual dust from the cloud had settled. The reporting inspector observed dust on multiple cars and on trees.

MCM Industrial Services LLC/MCM Management Corp. failed to take reasonable precautions to minimize wind borne particulates from the demolition of the smoke stack. MCM Industrial Services LLC/MCM Management Corp. failed to adequately wet the smoke stack demolition area to prevent the emission or dispersion of dust. MCM Industrial Services LLC/MCM Management Corp. failed to adequately wet the site in order to prevent the off site dispersion of the dust and therefore also caused a nuisance. MCM Industrial Services LLC/MCM Management Corp. did not have adequate dust control measures in place which allowed the demolition of the smoke stack to generate and disperse dust to the adjacent residential area. By allowing the dust to migrate off site, MCM Industrial Services LLC/MCM Management Corp. generated conditions detrimental to the health of the nearby residents, and therefore also created a nuisance.

Based on this information the reporting inspector will issue citations to MCM Industrial Services LLC/MCM Management Corp. based off the City of Chicago Ordinance: 11-4-2170(b)(1) Demolitions and renovations: control and disposal of dust and debris, 11-4-760(a) Handling and storage of material susceptible to becoming windborne, 13-32-125(2)(a) Construction site cleanliness, and 7-28-080 Nuisance in connection with business. The Citation numbers are E000035810 10 and E000035811 11. The hearing date is August 6, 2020.

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INSPECTION #: 1530373

SUMMARY

REPORT COMPLETED?	☑ YES	☐ NO	NOV ISSUED?	☑ YES	☐ NO
INVESTIGATION COMPLETED?	☑ YES	☐ NO	ATTACHMENTS?	☑ YES	☐ NO

I, FRANCISCO FLORESSILVA, an employee of the City of Chicago, Department of Public Health, declare that I have conducted an inspection of the above mentioned property on the date indicated. I further declare that the observations set forth on the report are true and accurate.

STAR #

SIGNATURE

DATE: 04/11/2020
SITE: 3501 S PULASKI RD
SITE CODE: Crawford Smoke Stack Demo
PERMIT #: ENVGEN1234260

TIME: 4/11/2020 9:45:00AM
INSPECTOR: FRANCISCO FLORESSILVA
COUNTY: COOK / CHICAGO
INSPECTION #: 1530373

COMMENTS: Photo A- 3501 S. Pulaski Rd., Photo of smokestack before implosion.

DATE: 04/11/2020
SITE: 3501 S PULASKI RD
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COMMENTS: Photo B- 3501 S. Pulaski Rd., Photo of initial impact of smokestack after implosion detonation.

DATE: 04/11/2020
SITE: 3501 S PULASKI RD
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PERMIT #: ENVGEN1234260

TIME: 4/11/2020 9:45:00AM
INSPECTOR: FRANCISCO FLORESSILVA
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COMMENTS: Photo C- 3501 S. Pulaski Rd., Photo of dust cloud generated by smokestack upon impact with ground.

DATE: 04/11/2020
SITE: 3501 S PULASKI RD
SITE CODE: Crawford Smoke Stack Demo
PERMIT #: ENVGEN1234260

TIME: 4/11/2020 9:45:00AM
INSPECTOR: FRANCISCO FLORESSILVA
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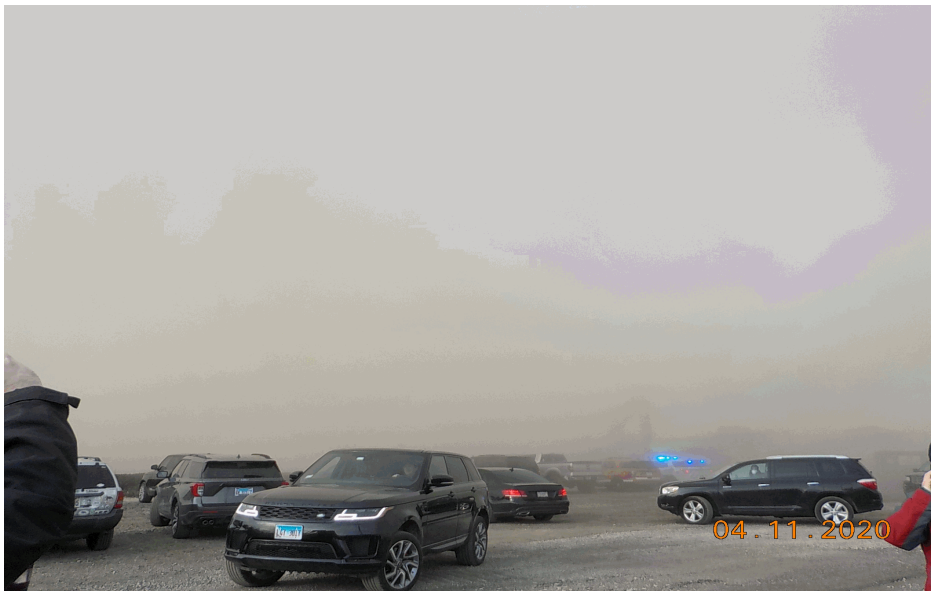
COMMENTS: Photo D- 3501 S. Pulaski Rd., Photo of dust cloud moving north from impact drop area.

DATE: 04/11/2020
SITE: 3501 S PULASKI RD
SITE CODE: Crawford Smoke Stack Demo
PERMIT #: ENVGEN1234260

TIME: 4/11/2020 9:45:00AM
INSPECTOR: FRANCISCO FLORESSILVA
COUNTY: COOK / CHICAGO
INSPECTION #: 1530373



COMMENTS: Photo E- 3501 S. Pulaski Rd., Photo of dust cloud continuing to move north from impact drop area. Thick cloud of particulates can be seen.

DATE: 04/11/2020
SITE: 3501 S PULASKI RD
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TIME: 4/11/2020 9:45:00AM
INSPECTOR: FRANCISCO FLORESSILVA
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COMMENTS: Photo F- 3501 S. Pulaski Rd., Photo of dust cloud can be seen moving north onto residential area. Water truck can be seen hosing water.

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COMMENTS: Photo G- 3501 S. Pulaski Rd., Photo of dust cloud continuing to migrate north.

DATE: 04/11/2020
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COMMENTS: Photo H- 3501 S. Pulaski Rd., Photo of dust cloud continuing to move north.

DATE: 04/11/2020
SITE: 3501 S PULASKI RD
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TIME: 4/11/2020 9:45:00AM
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COMMENTS: Photo I- 3501 S. Pulaski Rd., Photo of area where smokestack was dropped. Dust can still be seen.

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INSPECTION #: 1530373

COMMENTS: Photo J- 3501 S. Pulaski Rd., Photo of car located in residential area north of site. Dust can be seen on car.

DATE: 04/11/2020
SITE: 3501 S PULASKI RD
SITE CODE: Crawford Smoke Stack Demo
PERMIT #: ENVGEN1234260

TIME: 4/11/2020 9:45:00AM
INSPECTOR: FRANCISCO FLORESSILVA
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COMMENTS: Photo K-3501 S. Pulaski Rd., Photo of car located in residential area north of site. Settled dust can be seen on car.

DATE: 04/11/2020
SITE: 3501 S PULASKI RD
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PERMIT #: ENVGEN1234260

TIME: 4/11/2020 9:45:00AM
INSPECTOR: FRANCISCO FLORESSILVA
COUNTY: COOK / CHICAGO
INSPECTION #: 1530373

COMMENTS: Photo L-3501 S. Pulaski Rd., Photo of car located in residential area north of site. Settled dust can be seen on car.

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INSPECTOR: FRANCISCO FLORESSILVA
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COMMENTS: Photo M-3501 S. Pulaski Rd. Photo of settled dust on car located in residential area north of site.

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COMMENTS: Photo N-3501 S. Pulaski Rd. Photo of car with settled dust located in residential area north of site. Car is facing north. Site where implosion took place can be seen in the rear.

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COMMENTS: Photo O-3501 S. Pulaski Rd. Closer view of car facing north. Settled dust can be seen.

***Not drawn to scale. Aerial imagery may not be representative of actual site conditions at the time of inspection.

SITE SKETCH

CITY OF CHICAGO
DEPARTMENT OF PUBLIC HEALTH
PERMITTING AND INSPECTIONS

DATE:	4/11/2020
TIME:	6:00-9:45 A.M.
SITE ADDRESS:	3501 S. Pulaski Rd.
SITE CODE:	
INVESTIGATOR:	F.Flores Silva
COUNTY:	**COOK COUNTY/CHICAGO**

CITY OF CHICAGO

OTHER CDPH PERMITS

Permit Number	Permit Type	Expiration Date
ENVAIR112513	ENV_AIR	
ENVAIR1218253	ENV_AIR	
ENVAIR133217	ENV_AIR	