

# CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: American Tower Corp. File Number: 78-0229 EPS Initials: TJB  
Permit Number(s): 965492P Source Point Number(s): 01  
Application Received (date): February 21, 2012 Application Complete (date): February 21, 2012  
Air Quality Analysis Performed? Yes ☐ No ☒

Briefly describe the project: (new source, modifications) (what the process is) (type controls proposed) (emissions expected, qualitative) (replacing what sources) (background information)

Emergency diesel generator subject to 40 CFR 60 Subpart IIII. The proposed engine is a new source located at an area source of HAP emissions, so 40 CFR 63 Subpart ZZZZ does not apply (for new area sources, Subpart ZZZZ requires compliance with the NSPS only).

## Rules Analysis

Title V ☐ Cond. Major ☐ Minor ☒ Source category listed in 1200-03-9-.01(4)(b)1.(i)? Yes ☐ No ☒

Reason for PSD:	New source above ____ TPY	<input type="checkbox"/>	Sig. increase in ____ emissions	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NSPS:	40 CFR Part 60, Subpart IIII	<input checked="" type="checkbox"/>	State Rule 1200-03-16-	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 61, Subpart ____	<input type="checkbox"/>	State Rule 1200-03-11-	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 63, Subpart ____	<input type="checkbox"/>	State Rule 1200-03-31-	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

						Other Applicable State Rules					
TSP Emissions:	1200-03-	06	-.	02(2)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	NO <sub>x</sub> Emissions:	1200-03-	09	-.	03(8)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>
SO <sub>2</sub> Emissions:	1200-03-	14	-.	03(5)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	Lead Emissions:	1200-03-	____	-.	____	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>
CO Emissions:	1200-03-	09	-.	03(8)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	____ Emissions:	1200-03-	____	-.	____	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>
VOC Emissions:	1200-03-	09	-.	03(8)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	____ Emissions:	1200-03-	____	-.	____	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>

Visible Emissions from Source not to exceed 20 % opacity per Method 9 (Rule 1200-03- 05 -.01(3) ) 03(6)

## Emission Summary

Permit Number: 965492P

Source Status: New ☒ Modification ☐ Expansion ☐ Relocation ☐

Permit Status: New ☒ Renewal ☐

PSD ☐ NSPS ☒ NESHAPs ☐

Previous Permit Number: Construction \_\_\_\_\_ Operating \_\_\_\_\_

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net			
TSP	0.09	0.09	0.51	0.02	0.02	0.13	0.13	2/14/2012	3	1200-03-06-.02(2)
SO <sub>2</sub>	0.001	0.001	0.1	0.0003	0.0003	0.03	0.03	2/14/2012	6	1200-03-14-.03(5)
CO	1.08	1.08	1.08	0.27	0.27	0.27	0.27	2/14/2012	5	1200-03-09-.03(8) 40 CFR 60 Subpart IIII
VOC	0.86	0.86	0.86	0.22	0.22	0.22	0.22	2/14/2012	5	1200-03-09-.03(8) 40 CFR 60 Subpart IIII
NO <sub>x</sub>	0.86	0.86	0.86	0.22	0.22	0.22	0.22	2/14/2012	5	1200-03-09-.03(8) 40 CFR 60 Subpart IIII

\* - SO<sub>2</sub> emissions are calculated from fuel sulfur content assuming ultra low sulfur diesel as fuel. CO, VOC, and NO<sub>x</sub> emissions are calculated using NSPS Subpart IIII allowable emissions. PM actual emissions are calculated using AP-42.

PERMITTING PROGRAM: TJB DATE: February 29, 2012

### TABLE OF EMISSION ESTIMATION METHOD CODES

NOT APPLICABLE EMISSIONS ARE KNOWN TO BE ZERO	0
EMISSIONS BASED ON SOURCE TESTING	1
EMISSIONS BASED ON MATERIAL BALANCE USING ENGINEERING EXPERTISE AND KNOWLEDGE OF PROCESS	2
EMISSIONS CALCULATED USING EMISSION FACTORS FROM EPA PUBLICATION NO. AP-42 COMPILATION OF AIR POLLUTANT EMISSIONS FACTORS	3
JUDGEMENT	4
EMISSIONS CALCULATED USING A SPECIAL EMISSION FACTOR DIFFERING FROM THAT IN AP-42	5
OTHER (SPECIFY IN COMMENTS)	6