

雲林縣環境保護局

103 年度營建工程污染管制及查核計畫

成果摘要

計畫名稱：103 年度營建工程污染管制及查核計畫

計畫編號：YLEPB－103－007

計畫執行單位：理虹工程顧問股份有限公司

計畫主持人：林宏斌

計畫經理：蔡秀惠

計畫期程：103 年 03 月 21 日起 104 年 02 月 28 日止

計畫經費：新台幣 961.255 萬元整

(1) 摘要

計畫執行期間，本計畫總計納管 5,755 處工地，累計巡查數達 7,527 處次，經由例行性巡查並將工地資料完成建檔外，且辦理 5 場次營建工地環保講習會議及 8 場次民眾宣導會，輔導 44 處營建工地執行道路認養，洗掃總長度達 44,023.36 公里，TSP 削減達 607.52 公噸。推動工地大面積裸露地鋪設稻草蓆，總鋪設面積達 24.2 公頃，推估可削減 TSP 排放量達 8.567 T/ha.yr。營建工程空氣污染防制費總申報件數計有 4,267 件，總申報金額為 68,054,784 元，今年度申報件數為近年最高。

(2) 前言

隨著雲林縣近年來工商業蓬勃發展，各類環境污染問題逐漸浮現，其中又以空氣污染問題最為社會大眾所詬病。有鑑於此，環保局多年來致力於推動本縣空氣污染管制工作，並已初步呈現績效；然而轄內受政府大力推展公共工程等影響，境內營建工地四處可見，因施工所產生公害，包括空氣污染、水污染、惡臭、土壤污染及廢棄物污染等問題，嚴重影響附近生活品質。其中又以營建工程所涉及土、石、砂等材料所造成逸散性粉塵污染，更是加強管制之重點；為落實污染管制作業且降低營建施工揚塵量，環保局特別專

案辦理「103 年度營建工程污染管制及查核計畫」，針對境內營建工地，配合空污費徵收，加強稽查及管制，進而有效達到污染物減量及空氣品質改善之目標。

（3）執行方法

本計畫執行期程一年，自 103 年 3 月 21 日至 104 年 2 月 28 日止，本計畫主要工作重點為協助環保局加強辦理各項營建工地、管線、道路施工之稽、巡查管制工作，並將列管工地資料建檔管理，透過宣導資料發放及污染協商會、工地輔導之進行，加強工地對污染防範之認知，以落實污染改善之目的。

（4）結論與成果

提升環保局空氣污染防治工作執行績效，爭取環保署考核佳績，103 年度營建工程排放量削減率達 60.3 %，TSP 削減量 4,177 公噸，巡查排放量比率 96.8 %，巡查納管率 77.9 %，排放量抽查正確率 100 %，資料庫建檔品質 100 %，告發處分 55 件，告發改善完成率 100 %；EPA 考評成績 1.94 分，達成率 97 %。

（5）建議事項

稽巡查作業持續落實環保署勤查重罰政策，除加強查核強度與巡查頻率外、並積極提送陳情案件及未符合管理辦法記點超過 10 點以上工地之專函通知業主限期改善，複查時若仍未完成改善者，建議予以告發處分，除可遏止工地不告發就不理的心態，更能有效率的提升各項法規符合度與削減成效，亦可彰顯雲林縣環保局污染管制之決心，樹立縣內良好之工地管理風氣。

1. Summary

The project implementation results are as follows. Governed construction sites are 5,755 places and the amount of inspection for building sites are 7,527 times; sites information collected during routine inspection was created files on schedule;5 construction site pollution consultations were held. Constructors (44 sites) were encouraged to join the adopt-a-road program. The street cleaning operation was completed 44,023.36 kilometers, and TSP volume was reduced 607.52 tons. The declarations of air pollution fee for construction are 4,267 cases and air pollution fees amounted to 68,054,784 N.T. dollars; the number of air pollution fees declarations of this year is highest in years.

2. Introduction

With the thriving industry and business development, environmental pollution issues of all kinds have begun to emerge in recently year in Yunlin County, especially the air pollution is the most criticized by the public. The air pollution control operation directed by the EPB has implemented for many years, and presented preliminary improvement results. Public works which were pushed by government have been under construction within the county, and many construction sites have mushroomed all over the area. As a result, the construction nuisance, such as air pollution, water pollution, stink, soil pollution and solid waste pollution, has impacted on quality of life near the construction sites. The control of fugitive dust pollution, which caused by building material (e.g. clay, rock, sand etc.) during construction activities, is a top priority. "2014 Project of construction pollution control and inspection" was conducted by the EPB to put into effect the control management and reduce dust emission when building activities. The air pollution fee will be levied on construction

sites located within the county, and to tighten up pollution inspection and control management to achieve the aims of pollution reduction and air quality improvement.

3. Execution Method

This was a one-year term project, which started in March 21, 2014 and ended in February 28, 2015. The primary objects are to give assistance with tighten up construction management business, including inspect and control of building sites, lay pipes and cables, and create governed construction sites information files for the EPB. By the methods, included publicity material, construction pollution conferences, construction site assistance, and educating the knowledge of pollution prevention to achieve the purpose of reduction pollution.

4. Results

To make every effort to raise performance results of air pollution prevention operation of the EPB and improve performance evaluation results from the EPA. The efforts are as follows. The rate of construction emission volume is 60.3%, and the volume of TSP is 4,177 tons. The rate of the emission inspection and governed inspection are 96.8% and 77.9%. The correct rate of spot-check for emissions is 100%, and the quality rate of database archiving is 100%. Construction site denounced sanctions are 55 cases, and improvement rate is 100%. The self-assessment results is 1.94 points, and achievement rate is 97%.

5. Suggestions

Inspection operation should act in accordance with heavy penalties. Besides, adding inspection numbers and frequency, pollution cases should be made improvements within the limited period or give punishments. Compliance of laws and pollution reduction could be not raised, but also EPB's determination of pollution control management

will be show to the public. In this way, the good common practice for construction operation will be established.