

1.0 INTRODUCTION

1.1 TCRA Site

The area of former Camp Grant which was remediated under TCRA was the former impact area for 3" stokes trench mortars, and possibly 37mm artillery shells. The specific area which was searched is the impact area for the stokes mortars which lies along the north bank of the Kishwaukee River. The area south of the river includes an old abandoned rock quarry which was designated for use as a demolition area. Due to the close proximity of private housing to the site, demolition shots were limited to one round per shot. Fuzed rounds which were found intact were blown in place and rounds without fuzes were taken to the quarry for disposal. Approximately 140 rounds were destroyed in the quarry demolition area at Camp Grant.

Documents pertaining to Camp Grant which were utilized for planning purposes are listed at Appendix 5.5.

1.2 Sampling Overview

The planned activities at Camp Grant for this task were to collect three sets of samples for analysis. Background samples were collected before any demolition activity took place. These samples establish the baseline levels of the analytes of concern. A second set of samples were collected after the initial demolition shot and finally, a third set of samples collected after the final demolition activities to determine the accumulated levels of analytes. Location of sampling points and the consolidation of samples varies from the sampling plan. Whenever possible, samples were themselves sampled and the consolidated sample used for analyses; the remaining individual samples were saved under refrigeration to be analyzed if anomalies developed necessitating further analysis. The layout of sample points varied from the sampling plan due to the nature of the demolition which took place which consisted of using perforating charges on each mortar at one of 12 sites. All other procedures of the sampling plan were followed. Because

procedures for collecting, storing and transporting were similar to Camp Claiborne in Louisiana, a trip blank and rinsate samples were not used/taken.