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MNF-I SCG, 31 Mar 07
Declassified on: 30MAY07

Document approved for release by
U.S. Central Command.
See FOIA Case #05-244

Base Camp Master Plan
Camp Charlie G4, Iraq
19 Aug 2005

Survey conducted by: Maj. (b)(3), (b)(6) , Capt. (b)(3), (b)(6)

General Information:

Established in July 2003 as a LOG base, Camp Charlie/G-4 (b)(2)High is located in the Multinational Division Center South (MND CS) AOR in the City of Al-Hillah, Iraq, on the Shatt-Al-Hilla River. It is a densely populated coalition camp sitting on approximately 240 Acres of land, with a current population of approximately 1900 personnel (167 civilian, (b)(1)1.4g, (b)(1)1.4a (b)(1)1.4a, (b)(1)1.4g The camp is currently under Polish Command. Before Coalition Forces occupied the camp, it was an Iraqi military base.

Billeting/Lodging Information:

Camp Charlie currently had six LSA's, and 5 hard buildings used for permanent living arrangements. We also have 2 tents and 2 hard buildings being used for the TOA. Once the TOA is completed the 2 tents will be taken down and building 5 will go to KBR for office space/billeting, while building 6 will also be used as transit/permanent billeting.

Billeting is comprised of 485 containers, 5 hard buildings, 2 tents, and 2 hard buildings currently being used for TOA. The existing billeting arrangements can support 1720 permanent personnel and 706 transient personnel.

Utilities/Infrastructure Information:

Electricity

Electricity is provided throughout the camp by generators at several sites. Generator support is provided by KBR. (b)(1)1.4g

Camp Charlie Generators

SITE #	AMPS	BUILDINGS	POWER SUPPLY KW	MODEL	FUEL	OWNER/ MAINTAINER
7	400	KBR OFFICE AND LIVING CONTAINERS	1-440	perkins	JP-8	KBR
3	700	BUILDINGS # 3,5,6,7,8,& 9	1250 deadline	perkins	JP-8	KBR
3	250	4-SHOWER AND 2- AB UNITS	1250	perkins	JP-8	KBR
3	150	2-TOA TENTS				

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Reason: 1.4a,1.4g
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3	100	LABOR OFFICE				
3	150	SOLVIKIA CAMP				
TOTAL	1750					
8	1584	POLISH & EL-SAL LSA 396 CONTAINERS	1-1250	perkins	JP-8	KBR
8	200	BUILDINGS # 23, 32, SEA-HUT & SHOWER AB UNIT	2- 800	cummings	JP-8	KBR
TOTAL	1784					
DE-FAC	600	DINNING & OFFICES	3-400	perkins	JP-8	KBR
1	200	KBR LAY DOWN YARD	1-440	perkins	JP-8	KBR
2	250	BUILDINGS # 15,16 3-SHOWERS & 3-AB UNITS	1-252	perkins	JP-8	KBR
4	200	10- LIVING CONTAINERS AND GATE # 1 BUILDING # 11, 30-CONTAINERS,1-SHOWER UNIT	1-440	perkins	JP-8	KBR
5	25	15-FREEZER UNITS, 1-GUARD TOWER 1-GRINDER PUMP,2-GUARD TOWERS & 1-SHACK	1-32 KW	perkins	JP-8	KBR
6	30	2-POLISH FREEZER UNITS	1-60 KW	perkins	JP-8	KBR
9	50	FUEL POINT OFFICE & BREAK ROOM 2-FUEL SKIDS	1-35 KW	perkins	JP-8	KBR
10	240	HAZ-MAT OFFICE & BREAK ROOM 2-GUARD TOWERS BUILDING # 4 2-SHOWERS, 1-AB UNIT,POLISH SIGNAL	1-300	perkins	JP-8	KBR
11	300	1-ITT TRAILER KBR WATER POINT AND MWR BUILDING	1-440	perkins	JP-8	KBR
12	20	AFFES TRAILERS	1-32KW 110 1-32 KW 220	perkins	JP-8	KBR
13	70	KBR MAINTANENCE	1-58 KW	perkins	JP-8	KBR
14	60	U.S MAINTANENCE & 2- GUARD TOWERS	1-60 KW	perkins	JP-8	KBR
15	250	KBR LAUNDRY AND 2- GUARD TOWERS	1-440kw	perkins	JP-8	KBR

Water

Potable water is provided by a water line loop throughout the entire camp. It is supplied by the city through two main water lines to a water purification point with two ROWPU units. The storage capacity for potable water is 200,000 Gallons. The water system is in good condition. (b)(1)1.4g

(b)(1)1.4g

Wastewater

All waste water is collected into storage tanks and then transferred to two SST main camp transfer tanks; from there it's being pulled out and disposed of by service trucks at designated and authorized disposal area out side the camp. (b)(1)1.4g

(b)(1)1.4g .

Fuel

Fuel is supplied to us through KBR or the US Army. Fuel types are Mogas, Diesel and JP8. Capacity storage is about 250,000. There is 1 (b)(1)1.4a, (b)(1)1.4g for generators and 1 (b)(1)1.4a, (b)(1)1.4g for light sets support. The Polish Logistical Battalion also has the following:

3 basic types of fuel trucks:
- JELCZ 642 ND 33 -)(2)Hig
- JELCZ P 662 D 34 CD 10 -)(2)Hig
- STAR 266 CD 5 -)(2)Hig

Fuel storage is comprised of (b)(1)1.4a, (b)(1)1.4g

(b)(1)1.4a, (b)(1)1.4g

Roads/Transportation

Most roads on the camp are gravel with some asphalt. There are efforts being made to improve the road system.

Communication

KBR communication system is via radio, Houston phone line and Iraqi cell phones. Military communication is through DSN/ DNVT phone line and Polish DGT/STORCZYK phone line. Some KBR facilities still do not have Phone or Internet connection. Some problems exist due to the limited range capabilities of hand held radios.

Support Facilities Information:

Medical Facilities

Medical support is provided by a KBR medic on site with ambulance and facility for providing emergency and preventive medicine. Each contingent has a Doctor; in addition the Salvadorians and Mongolians also have a dentist on site. There are 8ea. GPL Ambulances in the camp.

Medical team
- Each of 3 medical teams consist of 1 doctor /1 paramedic and driver-paramedic, they would be send in ambulance to the place of mass casualties and will be able to provide a life preserving procedures (LEVEL 1). After primary stabilization of the condition of the casualties, the team responsible for urgent transportation of wounded to the CCP.

Ambulatory:
Consist of doctors room, procedures room, with capability of providing first aid and another procedures for rescue of life (LEVELS 1, 2) including minor surgical procedures in the case of large amounts of serious casualties, when their toll exceeds an abilities of medical evacuation or evacuation is not possible or delayed.

CCP:
In the case of large numbers of casualties or during heavy mortar attack, wounded are carried on the stretchers to the CCP which is localized at the briefing room in building number 4. The Armenian and Polish doctors are responsible for conducting a TRIAGE and LIFE SAVING TREATMENT (LEVEL1, 2). Their responsibilities include sorting and prioritizing of wounded casualties.

Ambulances:
3 ea. ambulances in Polish Logistic Battalion:
1 ea. Ford Ambulance and 2ea. "Scam" type

Rules evacuation of casualties:

(b)(1)1.4a, (b)(1)1.4g

Dining Facility

The DFAC facilities consist of a 65' X 111' Structure and an 80' X 30' tent. The DFAC has the current capabilities of serving 2000 personnel. The structures are at least 3 years old and due to the harsh environment an upgrade will be needed in the future.

Fire Fighting Protection Assessment/Plan

Fire fighting capabilities and assets.

- 2 ea. fully equipped fire trucks provided by Polish Logistical Battalion.
- 5ea. Polish fire fighters.
- Centers on protection of the environment, chemical and life-saving.

High Risk Fire Hazards

(b)(1)1.4g

Actions to mitigate high risk fire hazards.

- Constant trimming of weeds and brush inside the camp.
- Proper storage and containment of hazardous and flammable materials.

Additional Support Facilities

- There is a 40' X 100' Metal MWR structure and it's open from 5 am to 12 pm every day, which is equipped exceptionally well.
- A full service laundry on site.
- There is a Trailer AAFES and it's opened from 8 am to 6 pm.
- The Post Office at the logistic battalion is opened from 7.30 am to 5.30 pm. excepting the lunch time – 11.30 am to 1.30 pm. The Post Office can only send post cards and letters.
- The US. Post office comes from Camp Echo every other Saturday where packages and letters can be mailed out.
- Next to the logistic battalion there is small Soldiers Club. At this club the soldiers can play table tennis, billiards or exercise utilizing a small gym. The club is opened at lunch time from 12.00 Am to 1.30 Pm. and in the evening from 6.00 Pm to 8.00. Pm. Inside the club there is also a small library, where everybody can borrow books and movies in Polish and English. The libraries hours of operation are the same as the Clubs.

- At Camp Charlie there is also a Church. The masses are made every Sunday at 10.30 Am and every day at 6.30 Pm. Soldiers from every nation can take part in the Church services.

Explosive Safety

(b)(1)1.4g

Environmental Information:

Significant flood plains exist due to the river and high water table. There are no known natural or cultural resources.

(b)(1)1.4g

(b)(1)1.4g

Future Expansion/Construction Information

Currently there are no plans for any major projects or camp expansions.

Additional Information:

See attachments.

References:

CONSTRUCTION AND BASE CAMP DEVELOPMENT IN THE USCENTCOM AREA OF RESPONSIBILITY (AOR) "THE SAND BOOK"

FORCE PROTECTION PLAN

(b)(1)1.4a, (b)(1)1.4g

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ANNEX 3

STRENGHTEN THE PROTECTION AND DEFENSE OF THE BASE IN A CASE OF THREAT

(b)(1)1.4a, (b)(1)1.4g

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(b)(1)1.4a, (b)(1)1.4g

I THREAT STATE

(b)(1)1.4a, (b)(1)1.4g

II THREAT STATE

(b)(1)1.4a, (b)(1)1.4g

III THREAT STATE

(b)(1)1.4a, (b)(1)1.4g

Plane to the future:

(b)(1)1.4a, (b)(1)1.4g

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(b)(1)1.4g

Flood area

ASP

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Satelite Photo of Camp Charlie/G-4

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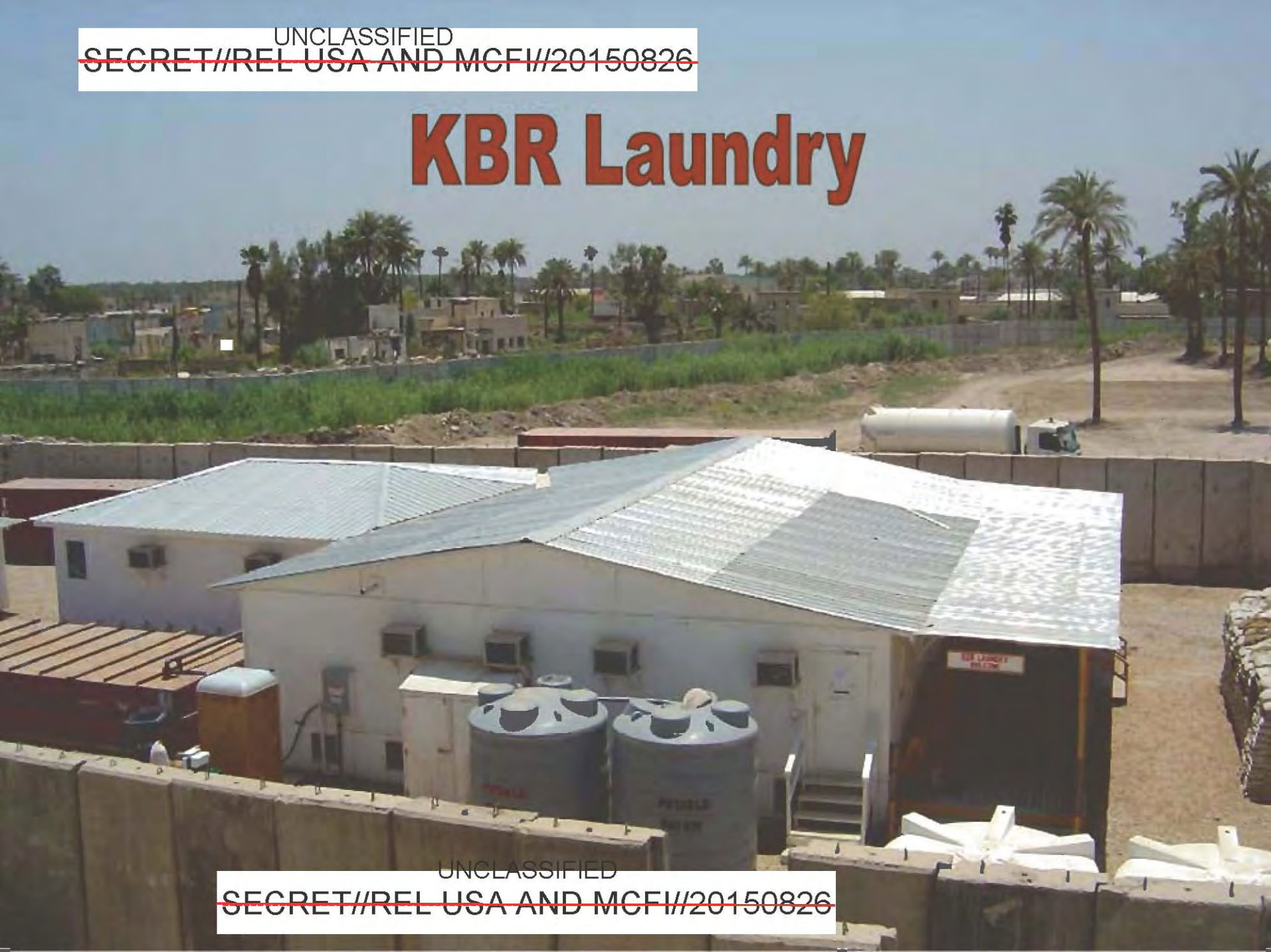
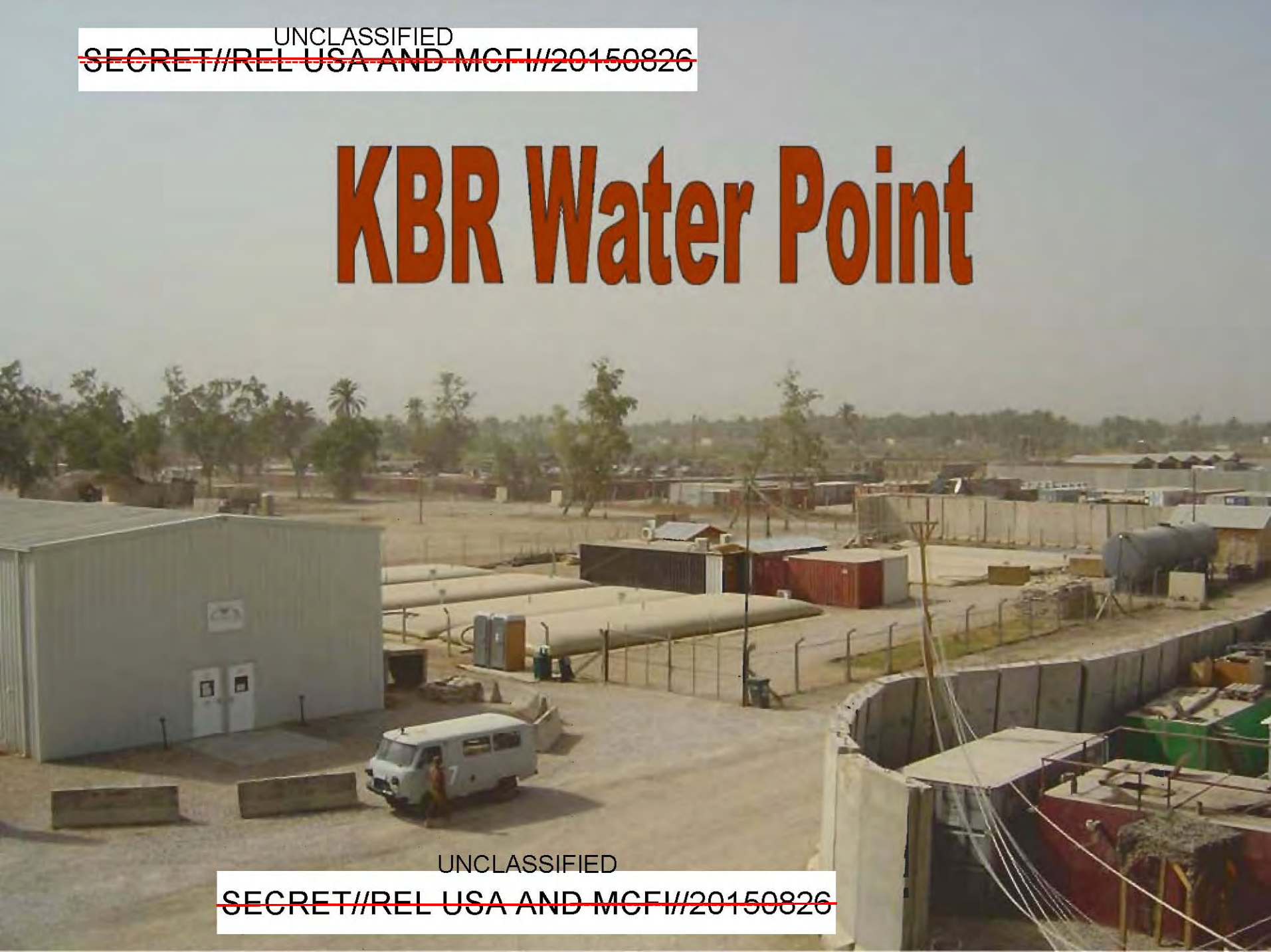
KBR Fuel Point

KBR Laundry



KBR Water Point



KBR HAZMAT

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Sewage Transfer Point

Transit Tents

DFAC and Dining Tent

Salvadorian & US LSA

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Currently in Base
9 Shower & 7 Latrine units
and 40 Port - a - Lets

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(b)(6)

Polish Fire Department

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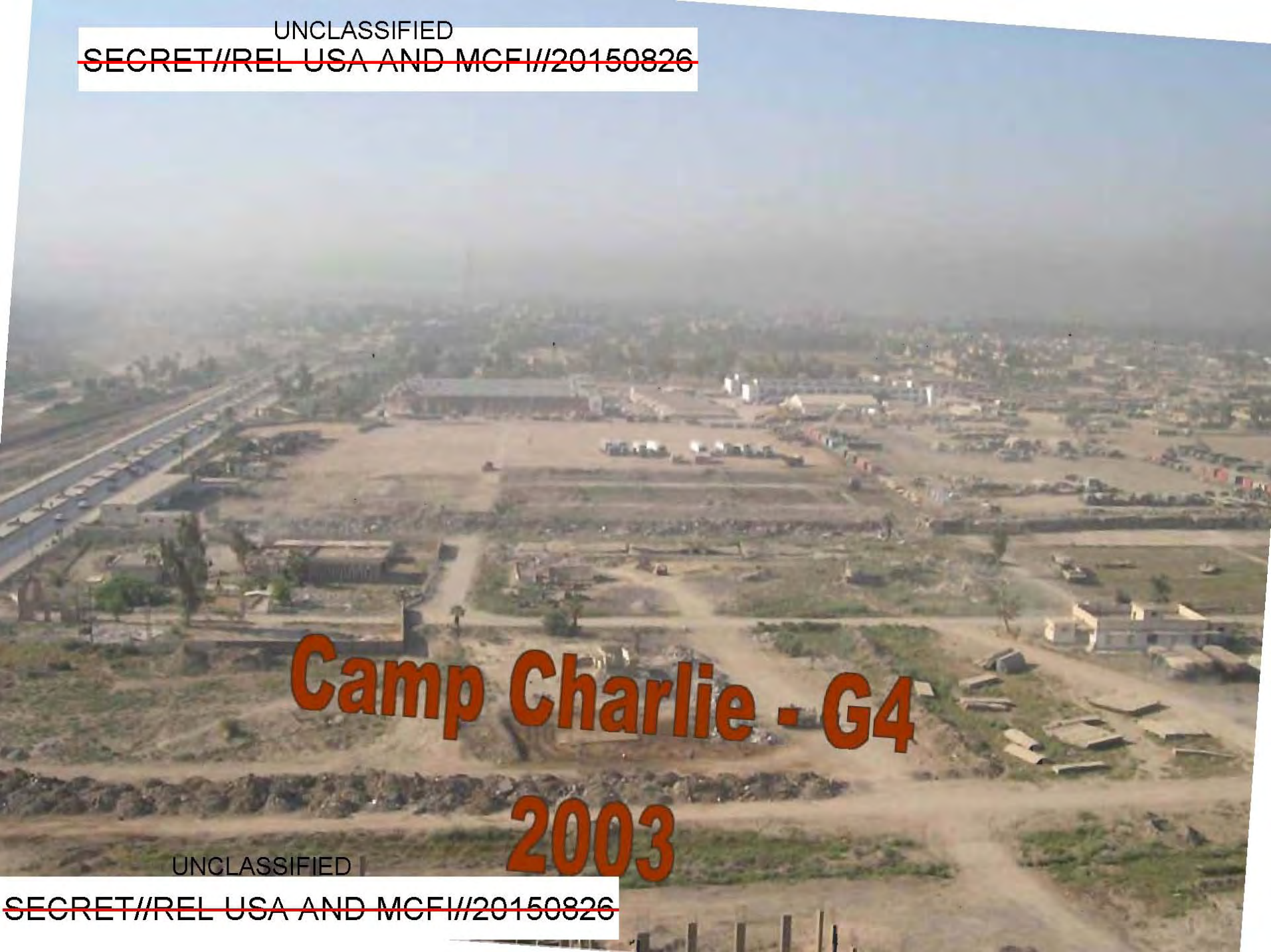

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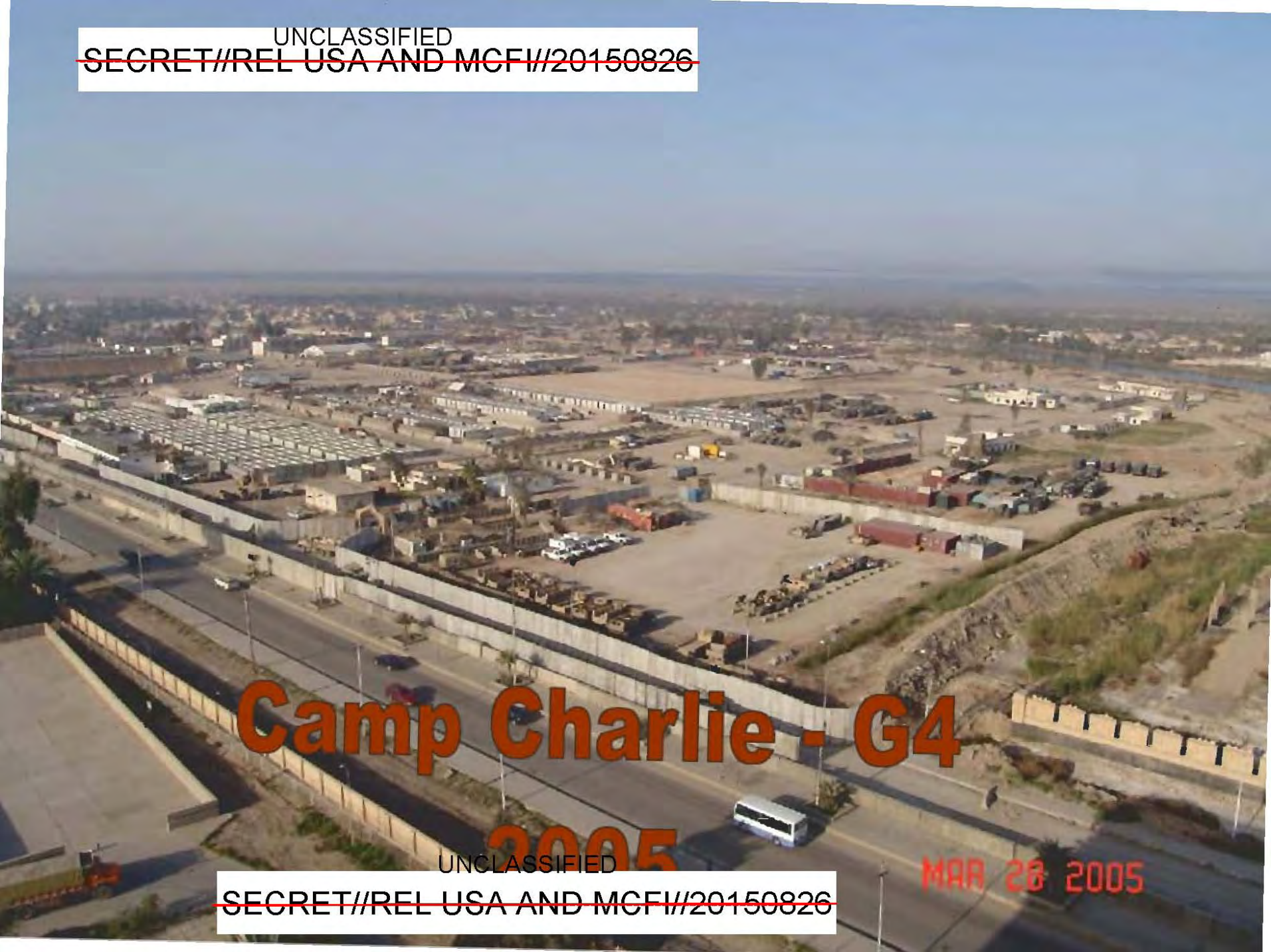
Camp Charlie - G4 2004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2005
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